

# HOUSE & GARDEN

LIBRARY OF HAWAII

CIRCULATING

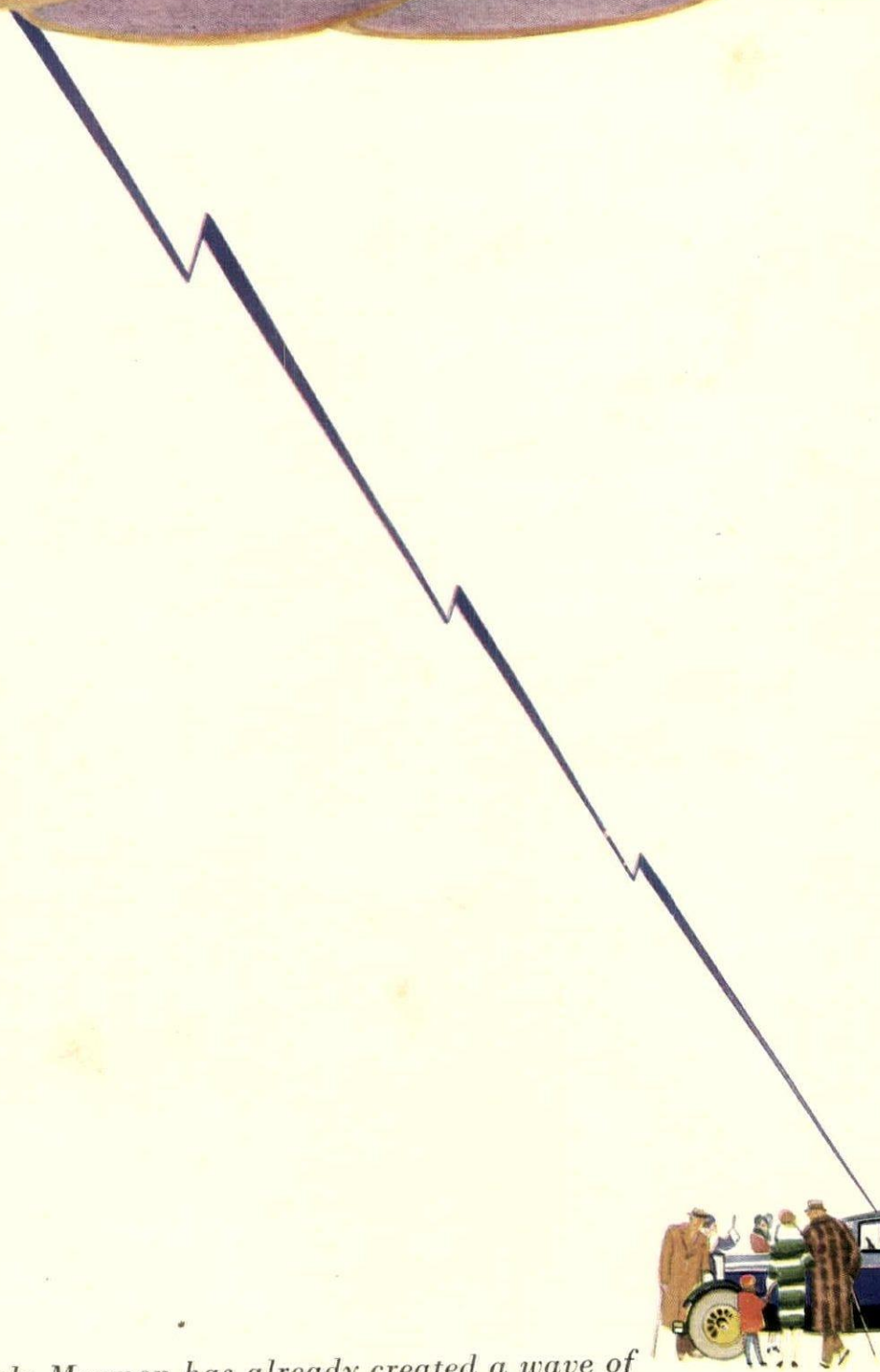
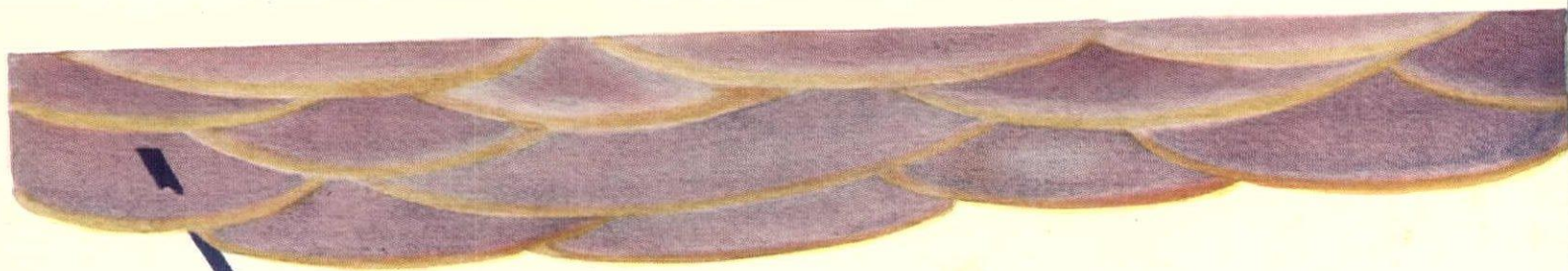


*Furniture Number*

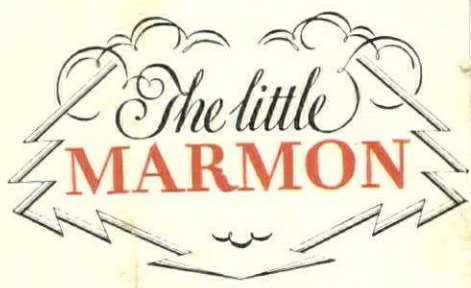
The CONDÉ NAST PUBLICATIONS Inc

AE. MART





The Little Marmon has already created a wave of popularity such as rarely has been known in the entire history of automobiles — It enters the market with a prior ownership which rivals the clientele of the proudest names in the industry — Not “just another automobile,” but a development so far-reaching that it will affect practically every type of current automobile design — Eight cylinders in line — 70 honest miles per hour — roadability that rivals the Marmon “75” — Prices, under \$2000 on all standard models



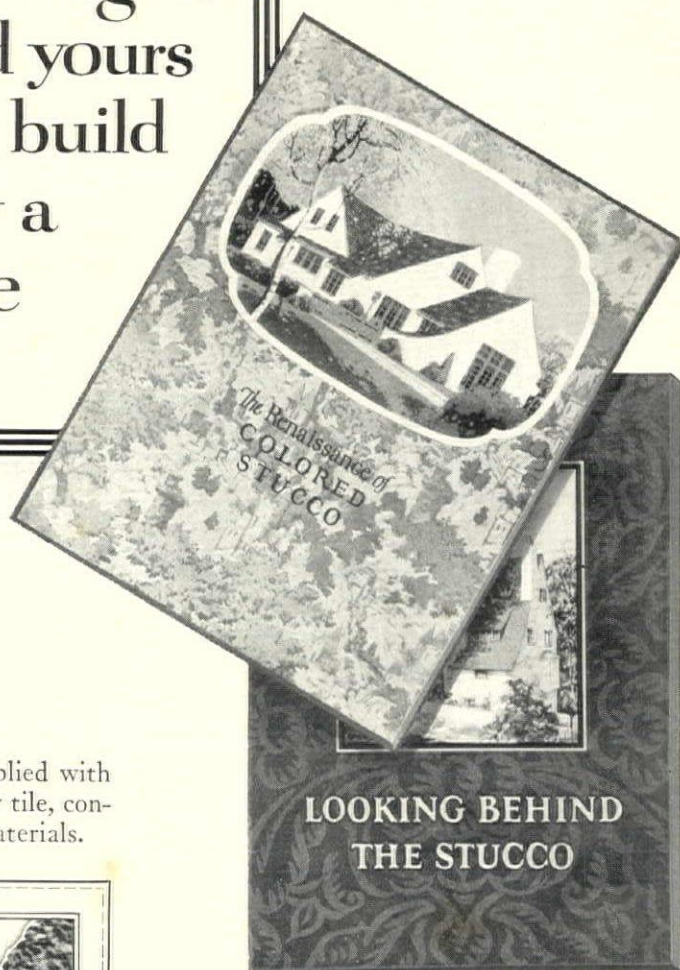
Companion to the Marmon Series 75





CIRCULATING

A new life begins  
for you and yours  
when you build  
or buy a  
home



These books will help you plan  
a home of enduring beauty and  
comfort. *Send for them*

THEY have enabled thousands to buy or build permanent homes of Colored Stucco—the beautiful building material that is winning the country.

They tell you how you can now combine the charm of its rich, warm colors and interesting textures with great strength and durability—at frame house cost.

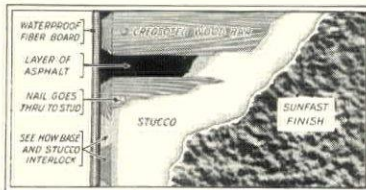
Bishopric, the Unit Wall construction, has made this possible.

Bishopric combines into a strong, durable wall the following units, scientifically designed and manufactured to be used *together*: (1) a patented reinforcing base, (2) a stucco, and (3) an attractive color finish.

There is no guessing, no mixing of miscellaneous materials. Bishopric is manufactured as a unit-wall, is constructed as a unit-wall, and it has the strength and coherence that only a unit-wall can have. The diagram at the right shows why.

Cost? No greater than frame construction. When applied directly to the studdings, it is less than any standard method of stucco construction—and is equally strong.

Bishopric stucco is also applied with excellent results over hollow tile, concrete blocks, and similar materials.



#### THIS IS THE UNIT-WALL

Its foundation is Bishopric Base, the insulating reinforcement, nailed securely to the studdings. Bishopric Base consists of finest quality fibre-board (with felt for insulation), heavily coated with asphalt mastic. Into this, bone dry creosoted wood bars are embedded under great pressure. The result is a sound deadening, vermin-proof, fire-resisting base of unusual strength, which keeps the house warmer in winter and cooler in summer.

Over this base is applied Bishopric Stucco, locking into the grooves provided by the Bishopric Base and forming a complete wall *unit*. Note how stucco and base lock together.

Bishopric Stucco is mixed in exact, scientifically determined proportions and is shipped in air-tight metal drums.

Finally, Bishopric Sunfast Finish is applied, giving your home the charm of lovely color. There are many attractive tints for you to choose from.

MAIL the coupon with 20 cents for these beautiful and valuable building books. Many colored illustrations, authoritative, helpful facts and suggestions. Send for them now!

The BISHOPRIC MANUFACTURING CO.  
ESTE AVE., CINCINNATI, OHIO  
The BISHOPRIC MFG. CO. OF CALIFORNIA  
LOS ANGELES

THE BISHOPRIC MFG. CO.  
202 Este Avenue, Cincinnati, Ohio

Enclosed find 20 cents (stamps or wrapped coin) for which please send me your new deluxe building booklets, "The Renaissance of Colored Stucco" and "Looking Behind the Stucco."

PRINT NAME AND ADDRESS PLAINLY

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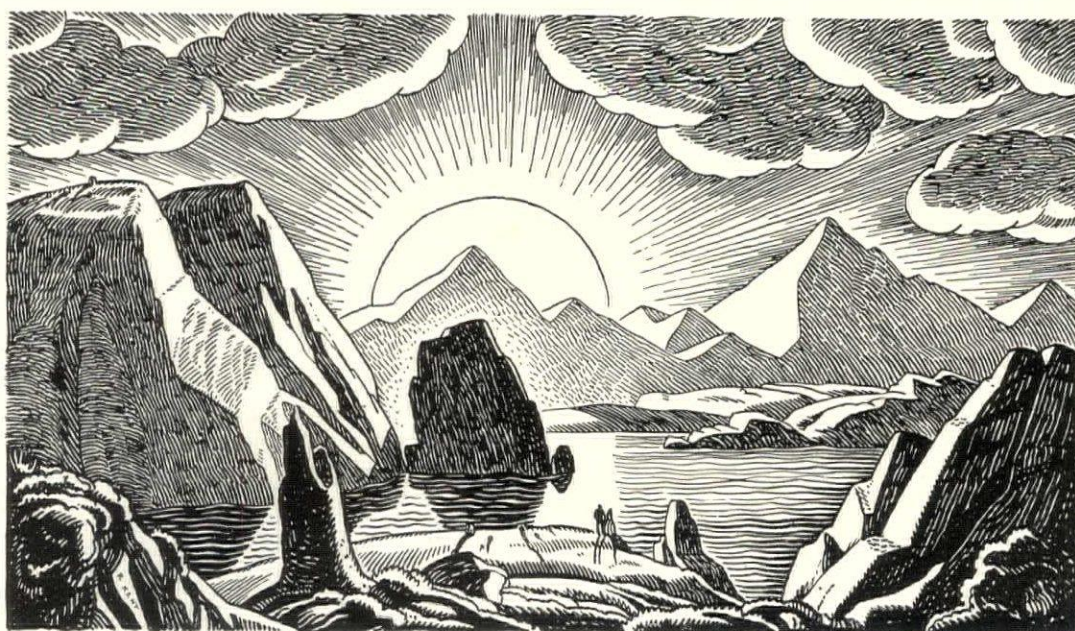
B I S H O P R I C  
THE UNIT-WALL CONSTRUCTION





CARON CORP. 389 FIFTH AVE. NEW YORK





## MASTER OF THE HOURS

JUST as the smartest clothes are created in Paris, and the most skilful diamond cutting done in Holland and Belgium, so are the finest watches made in Switzerland. The reasons make a long story, but it is generally recognized that the Swiss make marvelously accurate and durable watches, and make them thinner than any other people.

Marcus & Company have, for many years, offered to their patrons the watch that is considered to be representative of Switzerland's most famous guild. These beautiful slender discs are, for accuracy, miniatures of the sun. Each is so exquisitely made that it will divide, not only days and years, but your entire life into tiny, flawless fractions of time.

After twenty years of use, one of these watches recorded extremes of variation amounting to only 22.5 seconds during a six months' test against United States

Observatory radio time signals. They have received literally hundreds of awards in accuracy contests at government observatories in England, Switzerland and other countries. They are fully adjusted to all positions and all temperatures, jeweled throughout with rubies or sapphires, and may be had in many sizes and models, including small wrist-watches for women.

It is quite true that the finest watch in the world is no better than the one who sells it, for all watches need expert attention every year. To give this and other services promptly and cheerfully has distinguished the policy of Marcus & Company for more than fifty years.

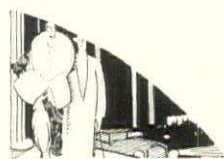
*Women's jeweled wrist-watches, from \$7500 to \$150. Swiss watches in platinum, gold and silver, from \$2000 to \$30. In strap bracelets for sport wear, from \$500 to \$50.*

## MARCUS & COMPANY

### JEWELERS

At the corner of Fifth Avenue and Forty-fifth Street, New York City  
and Palm Beach, Florida





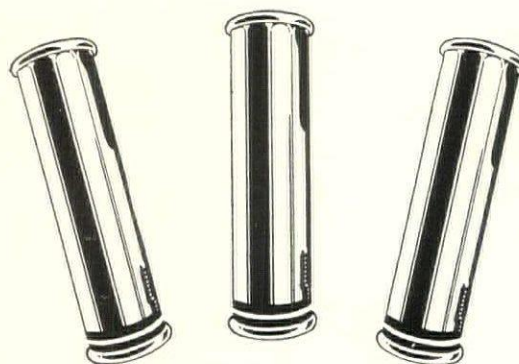
BELIEVE IT  
OR NOT, WHEN  
YOU RENEW  
THE YOUTH OF  
YOUR LIPS WITH  
GUERLAIN'S LIPSTICK  
THE RENEWAL  
LASTS ALL EVENING.



BUT AT THE  
SAME TIME, WHEN  
YOU SALLY FORTH,  
IT IS SO DECORA-  
TIVE THAT YOU  
MIGHT JUST AS  
WELL INCLUDE IT IN  
YOUR EVENING BAG.

PARIS  
68  
CHAMPS ELYSÉES

NEW YORK  
578  
MADISON AVENUE



38	39	40
RED BAND	GREEN BAND	BLUE BAND
LIGHT	MEDIUM	DARK

# GUERLAIN



## The NATION'S BUILDING STONE



Detail View of Emery Goff Residence, Des Moines, Iowa  
Vorse, Kraetsch & Kraetsch, Architects

### Where Stone Work Adds Interest to Design

THE VALUE of a distinctive house design is increased by an equally distinctive use of materials. In this Des Moines residence, you see at once how the beauty of the quaintly foreign note in the design has been enhanced by the rugged patterned surfaces of its Indiana Limestone walls.

Old Gothic stone was used, the units of random heights and lengths producing interesting patterned variations in the rough-textured wall surfaces. Beauty of effect is produced by the play of subdued color-tones, light silvery

gray shading into warmer tones of delicate buff which occur in the Old Gothic variety of Indiana Limestone.

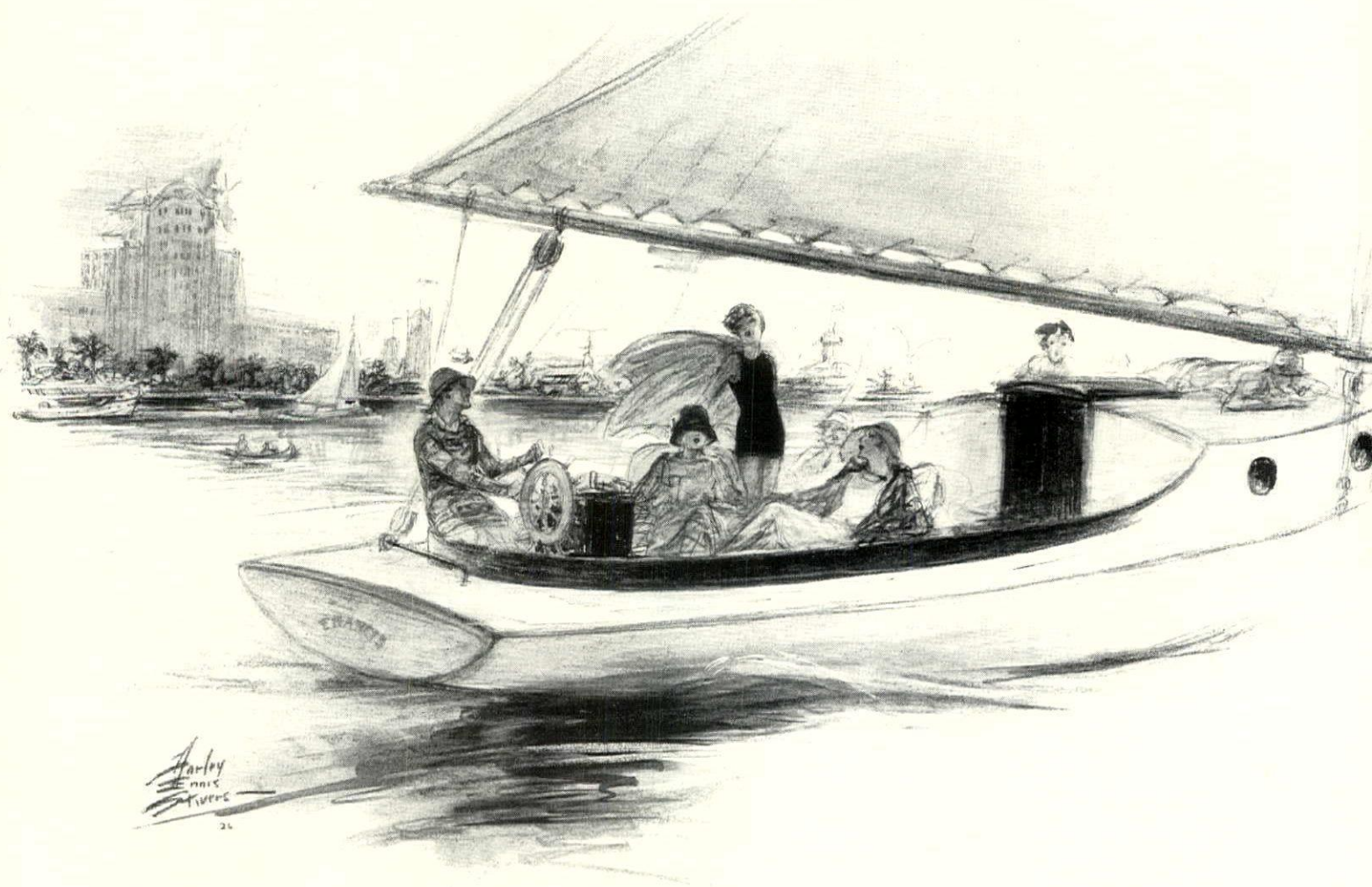
When planning your new home, remember that the use of this stone will increase its cost only five or six per cent more than if it were faced with other less desirable materials. It will pay you to investigate.

We have an attractive Portfolio of House Designs which many prospective home builders have found valuable. We shall be glad to send you a copy upon receipt of fifty cents in stamps.

ARCHITECTS' SERVICE BUREAU  
BOX 782, BEDFORD, INDIANA

**INDIANA LIMESTONE COMPANY**





## THERE'S SOMETHING IN STAYING HOME!

Rita trailed her fingers in the warm Southern sea.

"Half the joy in being here," she said with a malicious grin, "is in reading that they're wading through six inches of snow at home."

"Yes, but I envy the other girls at that," said Ursula wistfully.

"Why? I know—because Tom's come home."

"No—but Helen wrote that the new Pedemodes were in and they're simply ravishing."

"Well, you needn't spoil *my* fun, too. I have it—let's get Nell to select some for us. They have our sizes and lasts on file in the Pedemode Shop and we could get them in time for Saturday's dance!"

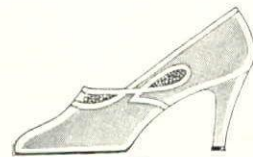


*Phoebe*

*Exquisitely graceful, with slender in-step strap and effective trim.*

## The Pedemode Shop

*Feminine Footwear*



*Sondra*

*Stunning version of the popular opera pump with unique contrasting trim.*

570 Fifth Ave

New York

660 Fifth Ave

Boston 360 Boylston St.

Chicago 76 E. Madison St.

Detroit 1239 Washington Blvd

*Also obtainable at:*

Cincinnati Smith-Kasson Co.  
Memphis J. Goldsmith & Sons Co.  
Milwaukee Caspari & Virmond Co.

Newark L. Bamberger & Co.  
New York L. Livingston  
Oklahoma Cy. Kerr Dry Goods Co.

Pittsburgh Joseph Horne Co.  
Portland, Ore. Knight Shoe Co.  
San Francisco City of Paris D-G Co.

Spokane Davenport Sport Shop  
St. Louis Stix, Baer & Fuller Co.  
Toledo Lauber's

JULIUS GROSSMAN, INC., BROOKLYN, N. Y.



# MIDWINTER SALE of MACY FURNITURE



Boudoir chair, 33½ in. high. Chintz covered with ruffle, \$29.75. In moire or fine damask . \$45.50



Unusual bedroom chair, 33½ in. high. Chintz covered, \$42.75. In quaint quilted chintz . \$45.75.

## DISTINCTIVE PIECES FOR THE BED ROOM

Illustrated above; One of the special values in the Midwinter Sale: Settee, 49 in. long, moss and cotton filled. Reversible floss cushions. In chintz \$55.50. In moire or damask. \$76.50.

THE Midwinter Sale of Macy Furniture begins on Monday, January 31st and continues throughout the month of February. During this period, Macy Furniture, of the same high quality which has established a nation-wide reputation for good taste and durability, is offered at unusually low prices, made possible by Macy's famous cash-buying and cash-selling policy. Even more than in past years, Macy's has sought far

and wide, to bring together an exceptionally complete presentation of furniture for homes of every type. Wide variety is the keynote of the sale. Furniture for a small apartment, for a country house or city home, modern pieces of distinction, reproductions true to exquisite originals, and to make the picture complete, unusual decorative accessories, grouped in the Corner

Shop—all on the great Seventh Floor at Macy's.



comfortable lounge 35 in. high. In \$36.75. In solid moire . . \$49.75.



Wing chair, 35 in. high. Reversible floss-filled cushion. In moire, \$79.50. In chintz . . \$62.50.



Chaise longue, 30 in. high, 52 in. long. In chintz, \$29.75. In moire or damask, \$44.75.

## MACY'S

34th Street and Broadway, New York

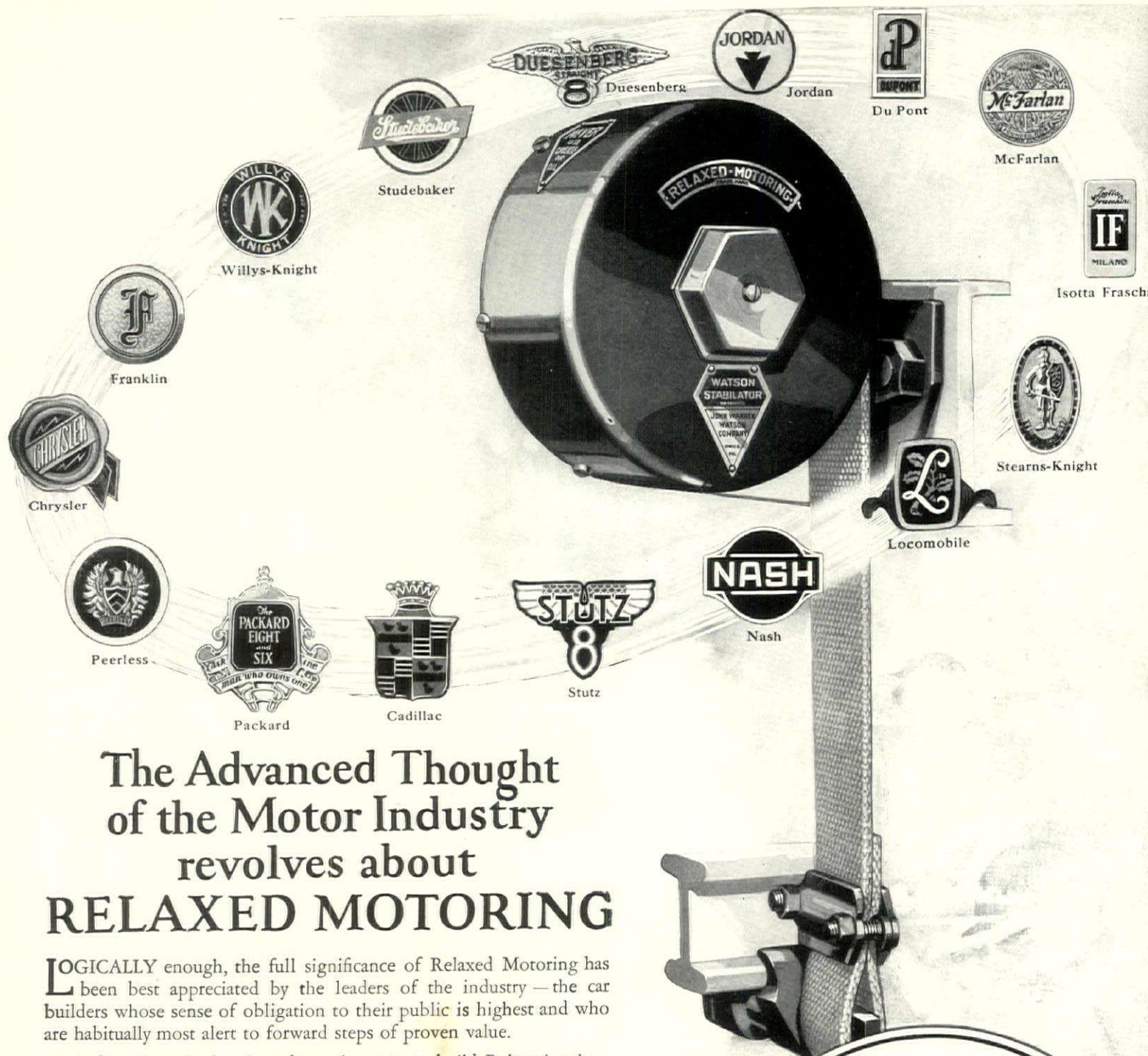


Useful small slipper chair, 31½ in. high. In chintz, \$17.89. In moire or damask . . \$24.74.



Small wing chair, 38 in. high. In chintz, with ruffle, \$33.75. In moire or damask . . \$51.50.





## The Advanced Thought of the Motor Industry revolves about **RELAXED MOTORING**

**L**OGICALLY enough, the full significance of Relaxed Motoring has been best appreciated by the leaders of the industry — the car builders whose sense of obligation to their public is highest and who are habitually most alert to forward steps of proven value.

Inevitably, these leaders have been the ones to build Relaxation into their cars by equipping them at the factory with Watson Stabilators — the means for Relaxation.

Cadillac	Chrysler 80	Chrysler 70
Duesenberg	Du Pont	Franklin
Isotta Fraschini	Jordan Great Line 8	Locomobile Jr. Eight
McFarlan T. V. 6	McFarlan Light 8	Nash Advanced Six
Packard Eight	Packard Six	Peerless 8-69
Stearns-Knight	Studebaker "President"	Peerless 6-90
	Willys-Knight Great Six	Stutz Vertical Eight

Of all cars now built to sell at \$2,000 or more, 60% are factory-Stabilated. In 1926, approximately an equal number, in the same or lower price classes, were Stabilated by local car-dealers or individual owners.

Stabilators cost little more than the cheapest devices, sold merely for shock absorbing purposes. They return their cost many times over, not only in more enjoyable, more refreshing, safer motoring, but in the actual reduction of upkeep and repair costs through the protection they give your car.

Any Stabilator dealer will equip your present car for Relaxed Motoring in a few hours.

JOHN WARREN WATSON COMPANY, PHILADELPHIA, PENNA.

# WATSON STABILATORS

**R**ELAXATION is possible only when you know that no force can throw you. The only way to prevent *any* force from throwing you is to resist *each* force in proportion to its magnitude. And right there you have the Stabilator principle. This Stabilator principle is patented and Watson Stabilators enjoy complete, sole and exclusive license under these patents.

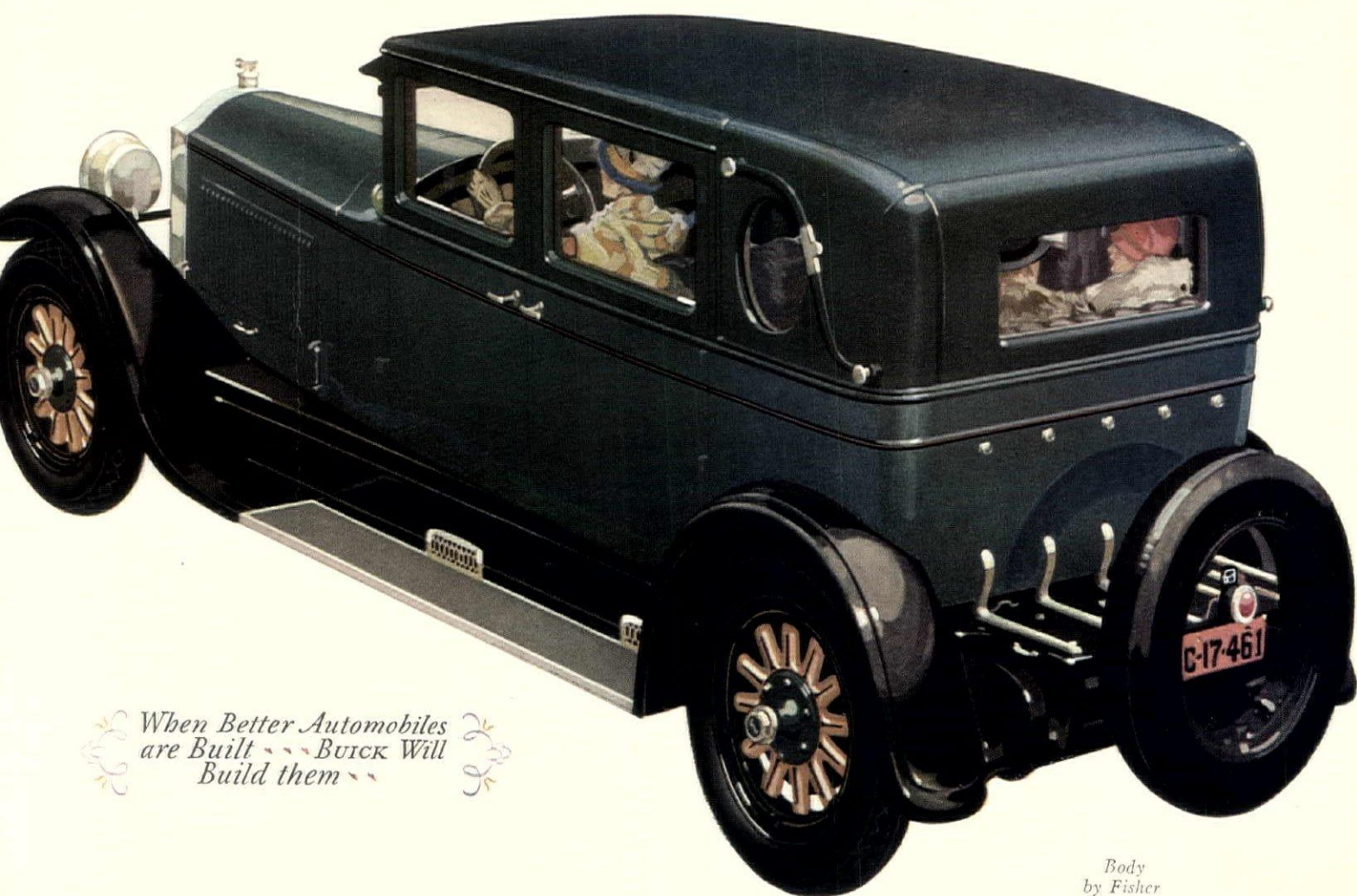




OF ALL Buick enthusiasts today, the most enthusiastic are those who have just turned to Buick from some other car. They are especially delighted with Buick's many vital mechanical advantages, which include an engine *vibrationless beyond belief*.

BUICK MOTOR COMPANY, FLINT, MICHIGAN  
*Division of General Motors Corporation*

# THE GREATEST BUICK EVER BUILT



*When Better Automobiles  
are Built ~ ~ ~ Buick Will  
Build them ~ ~ ~*

*Body  
by Fisher*





# A Good Cold Weather Starter

*Now More Dependable than Ever*

Probably no single feature of Dodge Brothers Motor Car has been more widely talked about and commended than the power and promptness of the starter.

The *new* two-unit starting and lighting system now advances Dodge Brothers leadership in this important respect still further.

There are now no moving starter parts when the car is in motion—no starter chain—no noise—no wear. The new starter is even more **DEPENDABLE** than the old, and far simpler and more compact in construction.

Many other major improvements have been added during the past twelve months, all vitally affecting performance and increasing value far beyond the apparent measure of current Dodge Brothers prices.

*Special Sedan \$945—De Luxe Sedan \$1075  
f. o. b. Detroit*

DODGE BROTHERS, INC. DETROIT  
DODGE BROTHERS (CANADA) LIMITED  
TORONTO, ONTARIO

# DODGE BROTHERS MOTOR CARS





ay blue seas of  
e south. . . . rip-  
ng jazz rhythms  
om far-away  
chestras. . . .  
on't travel this  
inter without  
Radiola!

## Great at home or on the open seas - this *double purpose* Radiola

esting under the palms—touring the  
unny states—sailing the seas on two sides  
f the equator . . . . take along a portable  
radiola. Or up where the snows are thick  
nd the bob sleds fly—where the ice is glassy  
nd the skaters call for music—swinging,  
ythmic, waltzy music . . . take along a  
portable Radiola. One of those cleverly  
lanned and remarkably capable super-  
eterodynes fitted into the smartest port-  
le case. Pick it up—carry it off—take  
our music with you!

radiola 26 has proved its sturdiness on  
ule-back trails up roughest mountains.  
has proved its dependability in balloon  
ces, helping the winning ship to victory.  
has capped the climax of every sort of  
or outdoor sport in every sort of season.

*Smartly attractive at home—com-  
pletely portable out-o'-doors—  
always a fine performer*



*Radiola 26 is a double-purpose six-tube super-heterodyne. Completely and compactly portable. But with a fine looking walnut battery box, for home use, with space for larger batteries, and an antenna coupler for hooking up an extra antenna, if you wish it. Or loop may be fastened on the back. With 6 Radiotrons, . . . \$225*

For out-o'-doors, Radiola 26 leaves its regular batteries at home in their walnut cabinet. Just neat—complete—compact—it hides its loudspeaker inside—its loop in the cover—and smaller portable batteries inside the back. Then, home again after a gay trip, it slips inconspicuously back into place in the smartest corner of the living room—attractive in its finely grained walnut cabinet—pleasing to look at—great to listen to!

It is not just a portable radio set, but a real six-tube super-heterodyne with the fine tone and the *proved* quality for which the Radiola is famous. And it adds to its desirability the compactness of a portable, too!

Buy with confidence



where you see this sign.

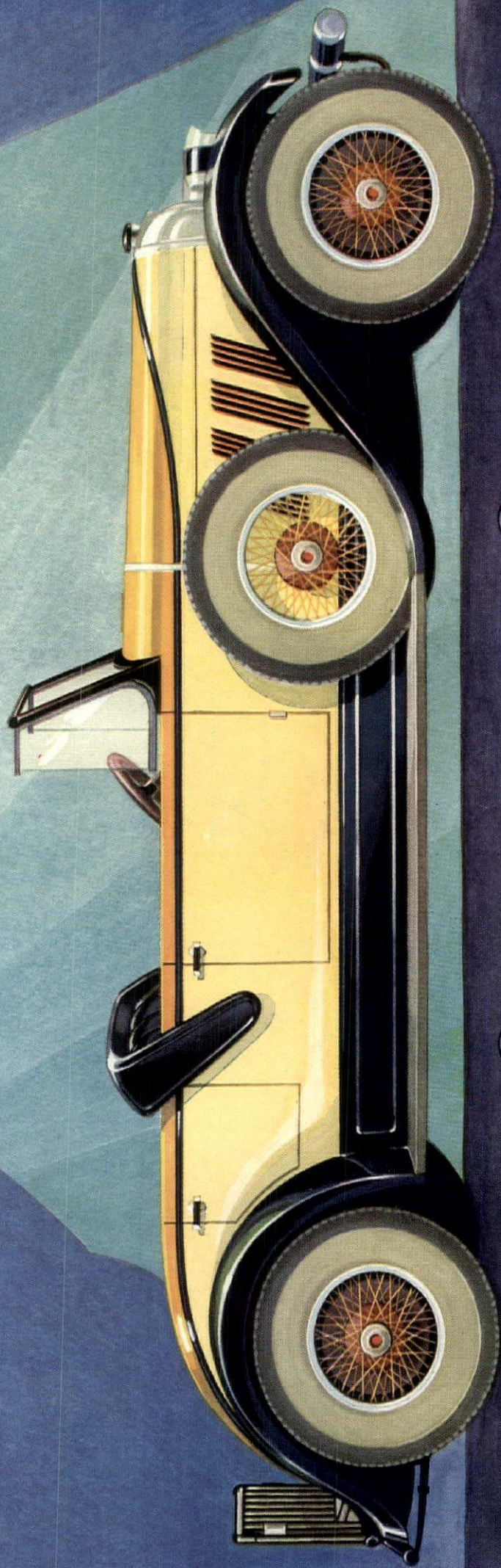
RADIO CORPORATION  
OF AMERICA

# RCA Radiola

MADE BY THE MAKERS OF THE RADIOTRON

NEW YORK • CHICAGO  
SAN FRANCISCO



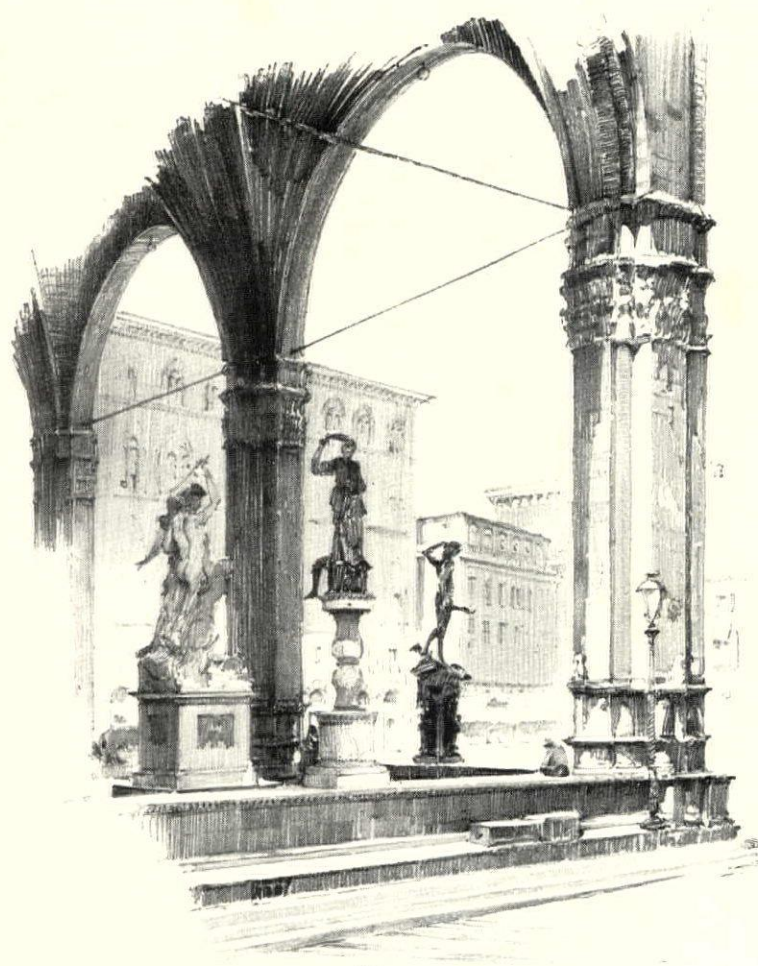


8-88 ROADSTER \$1995  
 80 Miles Per Hour 130 Inch Wheelbase  
 Five Passenger Capacity Door for Rear Seat  
 6-66, \$1095 to \$1345 8-77, \$1395 to \$1745 8-88, \$1995 to \$2595 Freight, Tax and Equipment Extra  
 AUBURN AUTOMOBILE COMPANY, AUBURN, INDIANA

Wm Neu—  
 (2)

AUBURN





## *Owning Antiques*

THE old world — cradle of antiquity — school-room of the arts. Italy, Spain, Austria, France, England — their old cities and villages — workshops of history's greatest artists — sources of our collection of antiques. Is it any wonder that we want these works of art today, surrounded by the mystery of the ages, beautifully tempered by Time?

Beginning from the day you own

a fine piece, its value increases as a possession you prize and as a good investment. Although our floor of antiques is new, *Lord & Taylor* is a century old — with standards that assure our patrons. We buy antiques in Europe right at their sources, under the supervision of collectors whose experience enables them to give to our collection the stamp of good taste and authority.

DEPARTMENT OF

**Antiques • Decoration and Reproduction**

*Lord & Taylor*

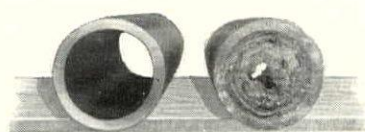
FIFTH AVENUE • NEW YORK



THIS IS AN ADVERTISEMENT of THE AMERICAN BRASS COMPANY

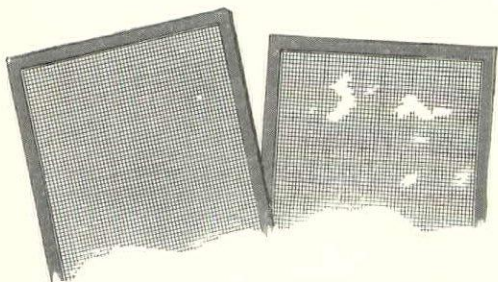
## AN AUTHORITY ON CONSTRUCTION BUILDS A HOME

*Ira H. Woolson, of the National Board of Fire Underwriters, safeguards his home against up-keep cost by using Anaconda Copper, Brass and Bronze.*



Anaconda Brass Pipe Iron Pipe

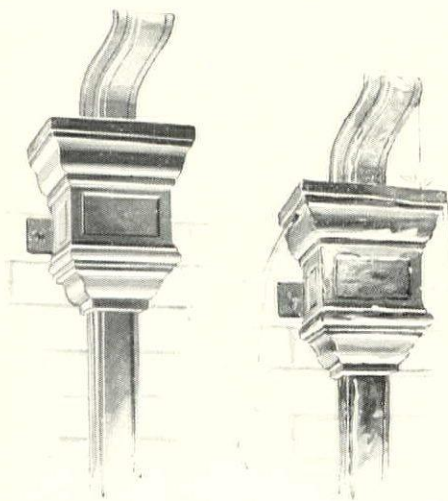
Anaconda Brass Pipe for hot and cold water lines cannot rust. The use of iron pipe which is bound to rust would have reduced the first cost of Mr. Woolson's house by only \$90.



Bronze Screen

Iron Screen

Strong and durable screens made of Anaconda Bronze Wire were installed for only \$15 more than the cost of screens that rust and sag.



An investment of \$166 over the cost of corrodible metal secured a rain disposal system of Anaconda Copper, which cannot rust through and leak.

MR. WOOLSON has long been recognized as a national authority on building problems. As head of the Materials Testing Laboratories of Columbia University for many years, he had at his command a wealth of information on the relative value of building materials.

He is aware, perhaps better than any one else, of the appalling destruction of American homes by fire. The total loss by rust is even greater, but most people are not aware of this for the reason that fire destroys in terrifying, spectacular fashion, while rust destroys so stealthily that usually its action is not discovered until the damage has been done.

The number of places in a home where rust can gain a foothold is amazing. Metal work of all kinds exposed to air and moisture, pipe used for conveying water, screens, lighting fixtures, hardware—in fact it may be said that rust will attack iron or steel regardless of the kind of applied surface protection that may be used.

The home which Mr. Woolson is building will be not only fireproof but it will be completely rust-proofed inside and out, with Anaconda metals.

### *A Roof that Is Rustproof and Fireproof*

The roof must bear the brunt of the attack of winter snows, spring thaws and the rainstorms of summer. For the roof of his home, Mr. Woolson has selected Copperclad Shingles\*. This fireproof roofing consists of a composition base with exposed surfaces completely encased in pure Anaconda Copper. It combines insulating and

weather-resisting properties of a high order with the beauty and permanency of weathered copper.

Gutters, leaders and flashings, made of iron or steel, must eventually fail even though paint is used at regular intervals in order to defer rust. When rust finally gets a start, it results in damaging leaks, costly repairs and replacements.

With Copperclad Shingles, and flashings, leaders and gutters made of Anaconda Copper, the outside of Mr. Woolson's house will withstand the wear and tear of time.

### *Brass Pipe Safeguards the Water Supply*

Very definite economical reasons guided Mr. Woolson in his decision to install Anaconda Brass Pipe for both hot and cold water lines throughout his house.

Most plumbing troubles are due to the rusting of iron or steel pipe. Rust gradually clogs the pipe until the flow is reduced to a thin trickle. It discolors the water and in time eats through the pipe at the weakest places, and causes leaks.

Anaconda Brass Pipe provides lasting freedom from rust troubles. It gives assurance that walls and floors will not have to be ripped out to get at rusted, worn, leaky pipe.

### *Beauty and Economy in Hardware and Screens*

In using solid brass hardware throughout his house, and screens made of Anaconda Bronze Wire, Mr. Woolson has not only provided for lasting, com-

\*Distributed by The Flintkote Company, New York, Boston, Chicago.



## MANUFACTURERS of ANACONDA COPPER, BRASS and BRONZE

ee service, but has, at the same time, safeguarded the beauty of his home.

Hardware made of steel, brass-washed and plated, is sure to rust when the thin coating wears off and stains will then mar the woodwork. For lasting economy and satisfaction, it is advisable to select solid brass or bronze hardware which will remain beautiful and serviceable as long as the house stands.

Economy also demands rust-proof materials for window and door screens. Here again rust is devastating. The fine wires of which screening is made are easy prey to rust if made of iron or steel and the cost of replacement is high because the labor of framing screens represents a large part of the expense.

Screens of Anaconda Bronze Wire are long and rust-proof and do not sag or bulge. They are always easy to see through, never need painting and add distinction to doors and windows.

### *The Cost of Rust-proofing— \$421*

A study of the initial cost of rust-proofing Mr. Woolson's house shows that Anaconda Copper, Brass and Bronze throughout cost only \$421

more than iron or steel would have cost. The architect, B. V. White, has furnished a detailed comparison of costs as follows:

Flashings, downspouts and gutters of Anaconda Copper were installed for \$414, making the outside of the house rust-proof for its entire life for only \$166 more than the cost of corrodible metal.

Iron pipe for hot and cold water would have cost \$418, installed, whereas Anaconda Brass Pipe was installed for \$508. It is difficult to imagine how this difference of \$90 could have been spent to greater advantage.

The cost of labor for installing is not included in the case of hardware and screens, because this work was done by the carpenters on the job. The permanently beautiful and serviceable solid brass hardware cost only \$150 more than plated steel hardware would have cost.

Window and door screens fitted with wire cloth made of strong, durable Anaconda Bronze cost only \$15 more than if galvanized iron screening had been used.

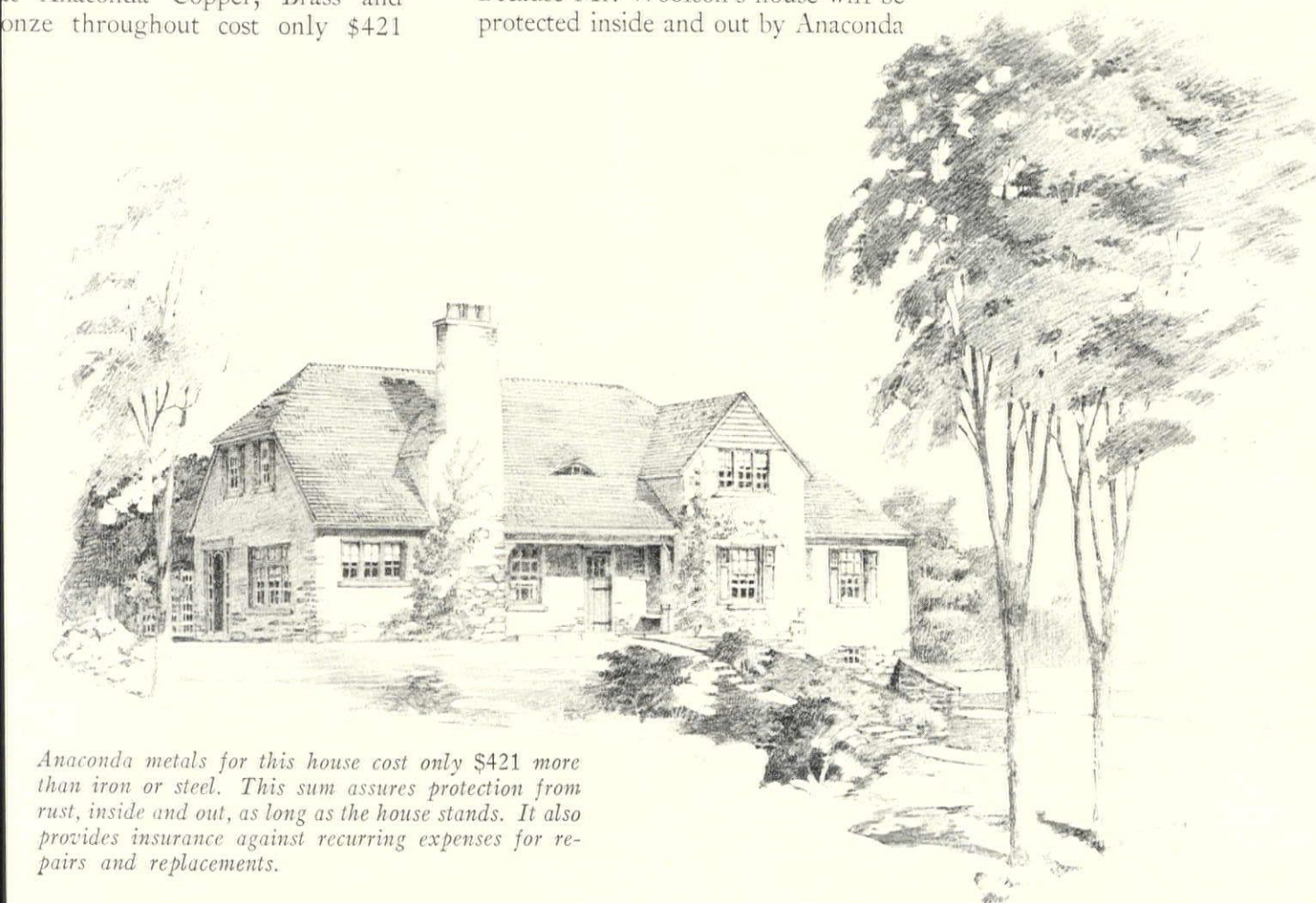
Because Mr. Woolson's house will be protected inside and out by Anaconda

Copper, Brass and Bronze, there will be no "third mortgage" of repairs and replacements due to rust. The occupants will never be annoyed by rust-stained water, leaks in the roof or the frequent visits of repair men to replace worn out metal work.

The use of permanent materials is today, more than ever before, an especially sound investment for the homeowner. With the higher cost of good labor, the building dollar is best conserved when labor is given dependable and permanent materials to work with for then this cost is incurred but once.

Detailed facts regarding the economy of rust-proof construction are a part of the everyday working knowledge of building experts like Mr. Woolson. They are also available, in condensed form, for the home builder. Our "Building Service Department" will be glad to advise you.

THE AMERICAN BRASS COMPANY.  
General Offices: Waterbury, Connecticut. Sales Offices and Agencies in Principal Cities. In Canada, Anaconda American Brass Limited, New Toronto, Ont.



*Anaconda metals for this house cost only \$421 more than iron or steel. This sum assures protection from rust, inside and out, as long as the house stands. It also provides insurance against recurring expenses for repairs and replacements.*

*Home of Ira H. Woolson, Summit, New Jersey.  
Architect, B. V. White, New York City.*



ONE HUNDRED YEARS OF SERVICE TO THE



*In the Living Room of*

**MR. WM. H. VANDERBILT,**

*Fifth Avenue Residence*

*A beautiful antique marble mantel taken from a very old residence in England. Secured by one of our representatives abroad.*

**WM. H. JACKSON COMPANY**

2 WEST 47<sup>TH</sup> STREET  
NEW YORK

318 N. MICHIGAN AVE.  
CHICAGO

ESTABLISHED IN THE  
YEAR 1827

THE OLDEST HOUSE OF  
ITS KIND IN AMERICA

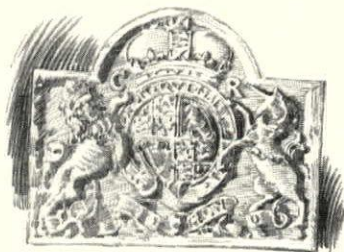


# ROMINENT FAMILIES IN THE SOCIAL REGISTER

Among the  
Distinguished Patrons  
of this House are:

- MRS. GEORGE ARENTS, Jr.  
New York City
- MR. VINCENT ASTOR  
Rhinebeck-on-Hudson, N. Y.
- MR. A. B. AYRES  
New Castle, Indiana
- MRS. ROBERT BACON  
New York City
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Boston, Mass.
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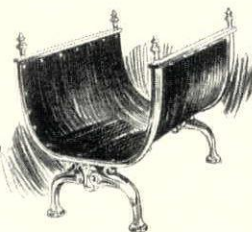
## Mantels for beautiful homes



Cast Iron Fireback as in Queens Gallery, Hampton Court, Price \$75.

FOR one hundred years we have collected mantels and fire-place ornaments from Europe. Most of them

came from the aristocratic houses of England and France. Among them are mantels with stories that endow them with a romantic charm that no modern piece could possess. They graced rooms where history itself has been made. These are beautiful examples of an art which had not been born in this new country a hundred years ago—an art which is now almost lost in the countries that created it. During all these years, the kind of people who know and love beautiful things have come to us. We have been able to give them the original antique mantels they

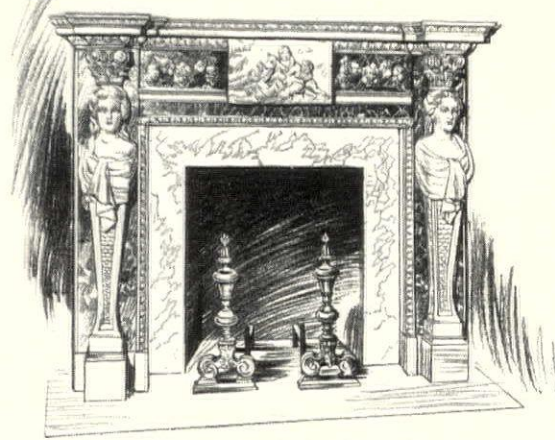


Georgian Period Woodholder, burnished with oil, iron body, silver trim. Price \$125.

desired or to make for them exact duplicates of those they admired. So skilled have our craftsmen become, they are able to reproduce, not just the physical characteristics of these old lovely ornaments, but much of the indefinable loveliness that only age can bestow. From all over the country men and women write telling us their needs. We are glad to send photographs of available pieces. Very frequently architects or interior

decorators come to us for their clients; we are glad to supply your needs in this way. We are particularly proud of the service we are privileged to render those who are unable to come and see us. We have an illustrated booklet telling details of our service. Upon request

we shall be glad to send you a copy. Address us at New York, Dept. H.



Georgian Period Antique English Marble Mantel, taken from old house on Great Marlborough St., London. Designed by Kent in 1735 when house was built. Price \$2,500.



Imported Italian Well Head and Base in Red Verona Marble. Price \$1,800.

GENUINE ANTIQUE AND MODERN  
MANTELS, ANDIRONS, VASES,  
WELL HEADS, FOUNTAINS,  
CIRCULAR SEATS, COLUMNS.

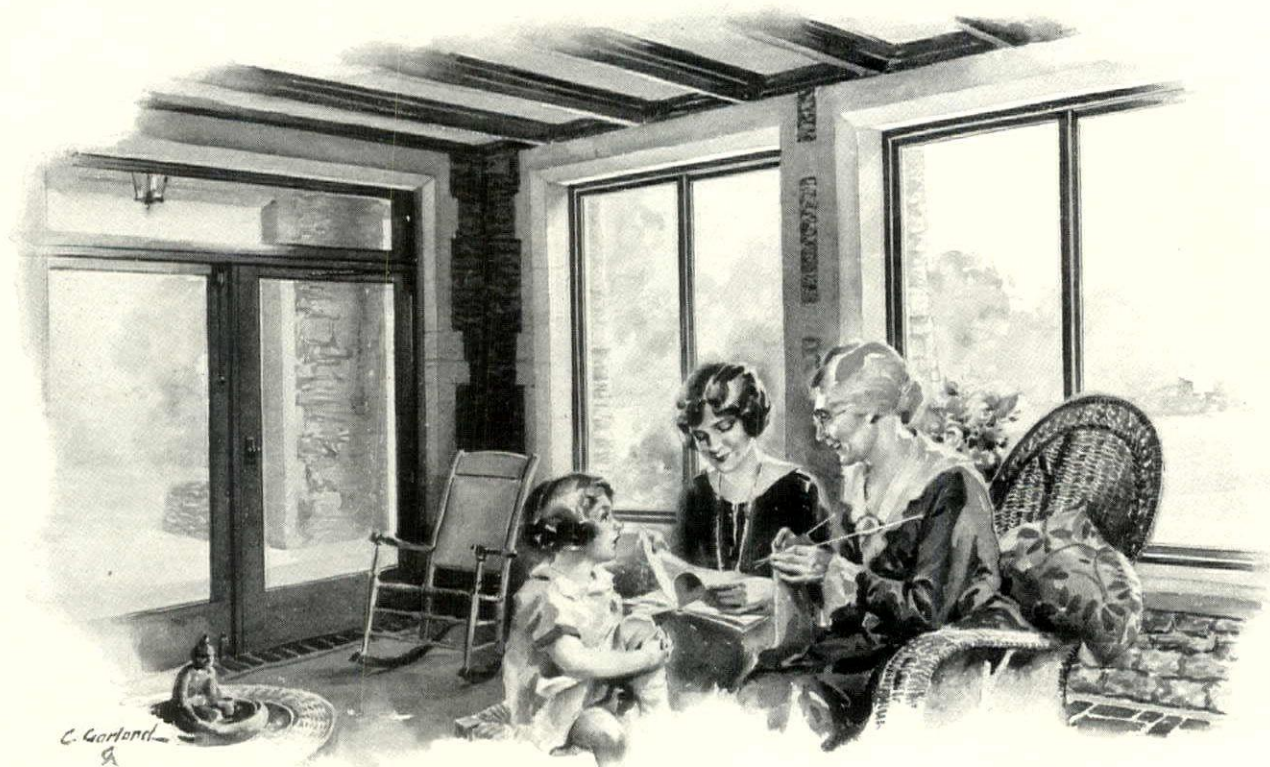
# WM. H. JACKSON COMPANY

2 WEST 47TH STREET NEW YORK 318 N. MICHIGAN AVE. CHICAGO

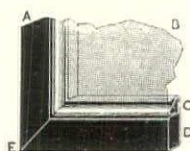
ESTABLISHED IN THE  
YEAR 1827

THE OLDEST HOUSE OF  
ITS KIND IN AMERICA





# Screens that Last!



A. Narrow all metal frames assure strength and durability and do not cut off light.

B. Bronze wire mesh resists corrosion.

C. Splines forced into frames hold cloth taut permanently. Removable in case cloth is damaged and requires replacement.

D. Frames enameled inside as well as out to prevent rust.

E. Corners, set with driving fit over inside corner angles, remain rigid.



**T**HERE'S no need to buy screens every two or three years. If you get Higgin All-Metal Screens they will give you many years of service. They are a money-saving investment.

But economy is only one of the Higgin advantages. Lovers of beautiful homes will appreciate the trim, narrow, enameled frames and the neat mesh which add such a pleasing touch to the interior decoration and to the architectural effects. Higgin Screens do not diminish the light or interfere with the view because of the narrowness and unobtrusiveness of the frames.

All these Higgin advantages are described more fully in the booklet "Your Home Screened the Higgin Way." Every home owner should read this booklet before screening. Send for your copy now. This is the time to think about screening. If you order your screens now you will be spared the annoying delays that so often occur in the "Spring Rush."

There is a Higgin representative in every principal city. Look for "Higgin" in your telephone directory.

THE HIGGIN MANUFACTURING COMPANY  
Newport, Kentucky      Toronto, Canada

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ALL METAL SCREENS  
AND WEATHERSTRIPS

The  
Higgin  
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Please send the books  
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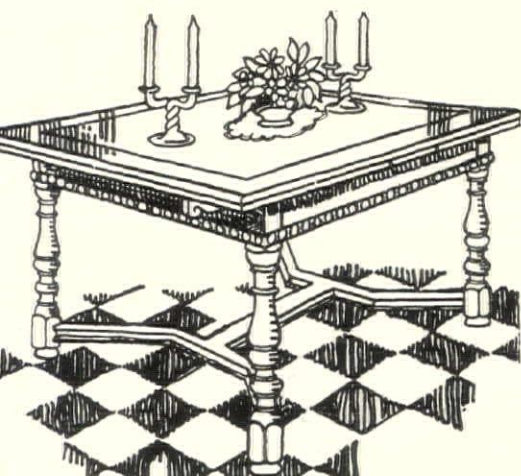


# KITTINGER

DISTINCTIVE FURNITURE



## *An Expressive Dining-room & Friendly yet Dignified*



The table is the "draw-top" style . . . a masterpiece of Kittinger construction and finishing . . . extending to seat twelve comfortably.

Building hospitality and friendliness into dining-room furniture is a Kittinger tradition . . . exemplified in this stately and dignified 17th Century English group.

Every line of the beautiful carving and turnings carries a hint of the early English atmosphere which

cherished and fostered the spirit of good cheer about the banquet board.

Rich in warmth of color . . . the Solid American Walnut is given that distinctively mellow and antique Kittinger finish which is both permanent and unaffected by heat or water.

This, and other attractive dining suites, are shown in the booklet, "Dining Rooms of Distinction." A copy sent on request.

Kittinger Company ~ 1895 Elmwood Ave., Buffalo, N. Y.



For Sixty Years Makers of Fine Furniture for the

Hall, Living-room, Dining-room and Executive Office





© Mishkin, N. Y.

*We who sing must be extremely cautious about our throats. I get my greatest enjoyment from Lucky Strikes because I find they do not affect my voice.*

*Giovanni Martinelli*

# The Priceless Voice of Martinelli

*Why He Recommends Lucky Strike  
—Because “It’s Toasted”*

**G**IOVANNI MARTINELLI, famous tenor of the Metropolitan Opera of New York City, is a great singer and he prefers Lucky Strikes for two reasons—greater enjoyment and throat protection.

Lucky Strikes have become the favorites of men whose priceless voices thrill their audiences, as they have with the millions, because, first, they afford *greater enjoyment*, and, second, they are certain not to irritate even the most sensitive throat.

The world’s finest Turkish and domestic tobaccos, properly aged, perfectly blended, give them their richer flavor.

But in addition, a costly extra process—toasting for 45 minutes—develops the hidden flavors of the choicest tobaccos and at the same time removes all “bite” and harshness.

Smoke Lucky Strikes. They give added pleasure—you’ll like them.

**“It’s toasted”**  
Your Throat Protection





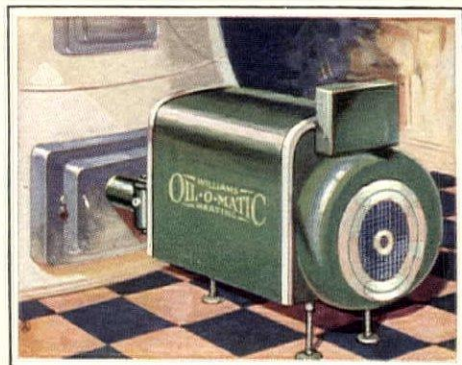
# "FIND US THE BEST OIL BURNER" -they asked their chief engineer

Now 19 officials of the world's  
largest shoe company are en-  
joying Oilomatic heat—  
many for as long as 3 years.

TO Fred Hume, oil heating is an open book. As an engineer he had worked for three years on oil burners. He knew that success lay in strictest observance of the four natural laws of oil combustion. And that popular acceptance depended on the adaptability of the burner to any grade of domestic oil.

In Oil-O-Matic he found what he himself was seeking. A completely automatic oil burner with no part inside the firebox. One that operates equally well with any suitable oil, light or heavy.

Your local oilomatician, trained in oil heating, first investigated the merits of all good oil burners. You may accept his recommendation with fullest confidence. He has a deferred payment plan for those who request it. Write today for a copy of "OIL HEATING at its best." You will find it most informative and interesting.



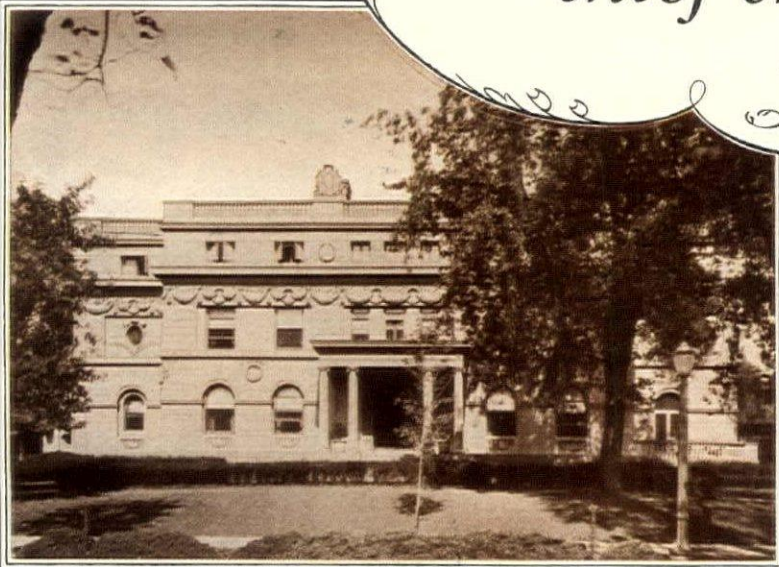
St. Louis installations made by Merrell & Co., Inc.

## WILLIAMS OIL-O-MATIC HEATING

Williams Oil-O-Matic Heating Corporation,  
Bloomington, Ill. CNG. 27

Please send me without obligation a copy of  
"OIL HEATING at its best."

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Street .....  
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One of the show places of St. Louis is the home of Jackson Johnson,  
President, International Shoe Co.



THE happy experience with Oil-O-Matic in his own home confirmed Mr. Hume's judgment. Then, and not until then did he say, "install Oil-O-Matic." The pleasure that these officials are deriving from the certainty of Oilomatic heat, its comfort and cleanliness, may also be yours. Mail coupon below.



The lovely residence of Paul B. Jamison,  
Director of the International Shoe Co.



Fred Hume has enjoyed Oilomatic heat  
for three years in his present home.

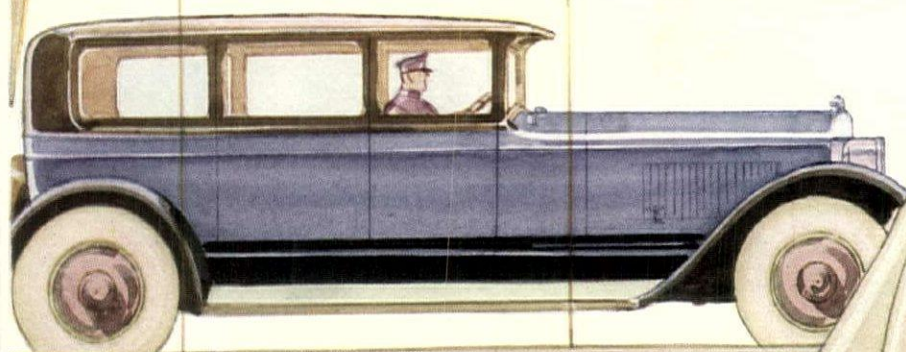
WORLD'S LARGEST PRODUCER OF AUTOMATIC OIL BURNERS



IN THE FINE CAR FIELD, THE TREND IS UNDOUBTEDLY TOWARD EIGHT

Hupmobile has swept to the top  
of the eight market. Engineers  
say it has no superior; and no equal,  
save in a costly European eight.

Beauty, Color Options, Luxury in  
ten enclosed and open bodies—\$1945 to  
\$2595 f.o.b. Detroit plus revenue tax



THE  
DISTINGUISHED  
HUPMOBILE  
EIGHT





The home of Dr. Hartley Mars, Evanston, Illinois. Celotex, under plaster in walls and ceilings, keeps his home warm and cozy for his two children to play in, even before the heating plant gets going in the morning. "No other feature of my house has lived up to its promises like Celotex," says Dr. Mars.

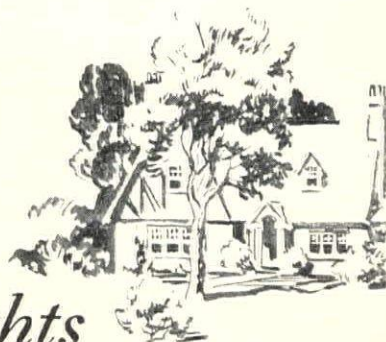
TODAY, more than 119,000 families are enjoying a degree of home comfort and economy undreamed-of a few short years ago. For the usual building materials (wood, masonry, hollow-tile, building paper, wallboards, plaster, etc.) alone, offered too little resistance to the passage of heat and cold. Without a special heat-stopping material, furnace heat leaked out and sun heat beat in through solid walls and roofs! But chilly rooms with heavy fuel losses in winter and sweltering heat in summer, are no longer regarded as unavoidable discomforts.

AMAZING LUMBER insulates as it builds. Six years ago, an amazing lumber was produced to meet the need for scientific house insulation. This lumber is Celotex, not cut from trees but manufactured from the toughest fibre known . . . it has properties never available in a building material before.

# Snug and Warm while winter roars outside

In January, this amazing lumber stands between cold, biting winds and the cozy warmth of your radiators. Year after year, it can save about  $\frac{1}{3}$  your fuel money.

# Refreshingly cool on summer days and nights



In July, Celotex stands between the scorching sun and the cool shelter of the rooms inside. Adds little or nothing to building costs.

For Celotex combines effective insulation with great structural strength. Tests prove it stronger in house walls than wood and three times more effective in stopping heat and cold. Celotex also shuts out wind and dampness. It is scientifically sterilized and waterproofed.

Thus, unlike other insulating materials, Celotex adds but little to building costs. It replaces wood sheathing, lath, building paper and wallboards (see the illustrations below), insulating as it builds.

ACTUALLY saves money. No wonder that people everywhere have eagerly accepted Celotex . . . that men who know building and building problems intimately, urge the use of Celotex in every home.

Celotex has made house insulation a downright economy. Its first cost is very little more than that of the materials it replaces. A smaller, less expensive heating plant is required with Celotex in the walls,

ceilings and roof of a house. And year after year, Celotex can save you from 25% to 35% of your fuel money.

GET ALL the facts. So important are the advantages Celotex offers that it would be unwise to build or buy without full knowledge of this amazing lumber. Today's building standards demand insulation . . . and Celotex gives it most economically.

Ask your architect, contractor or lumber dealer to tell you more about Celotex. Leaders in these lines advise its use. All lumber dealers can supply it.

And mail the coupon below for the Celotex Building Book. Its pages are filled with pictures and facts that will mean comfort in your home and money in your pocket.

THE CELOTEX COMPANY, CHICAGO, ILL.

Mills: New Orleans, La.

Branch Sales Offices in many principal cities (See telephone book for addresses)  
Canadian Representatives: Alexander Murray & Co. Limited  
Montreal, Toronto, Halifax, Winnipeg, Vancouver



WOOD SHEATHING. Celotex replaces wood lumber and building paper—adding strength back of wood, brick and stucco exteriors at no extra cost.



UNDER PLASTER. On inside walls and ceilings Celotex replaces lath—forming insulated walls that are stronger, less apt to crack and forever free from ugly lath marks.



INTERIOR FINISH. You can use Celotex itself for your interior finish with many beautiful effects. Its pleasing texture makes an attractive wall, either in its natural soft tan color or decorated.



FOR OLD HOMES. In homes already built, lining the attic with Celotex brings many of the advantages of insulation . . . adds a room . . . and saves much fuel money.

## CELOTEX

INSULATING LUMBER

THE CELOTEX COMPANY, Dept. M-202  
645 N. Michigan Ave., Chicago, Ill.

Please send the Celotex Building Book

Name .....

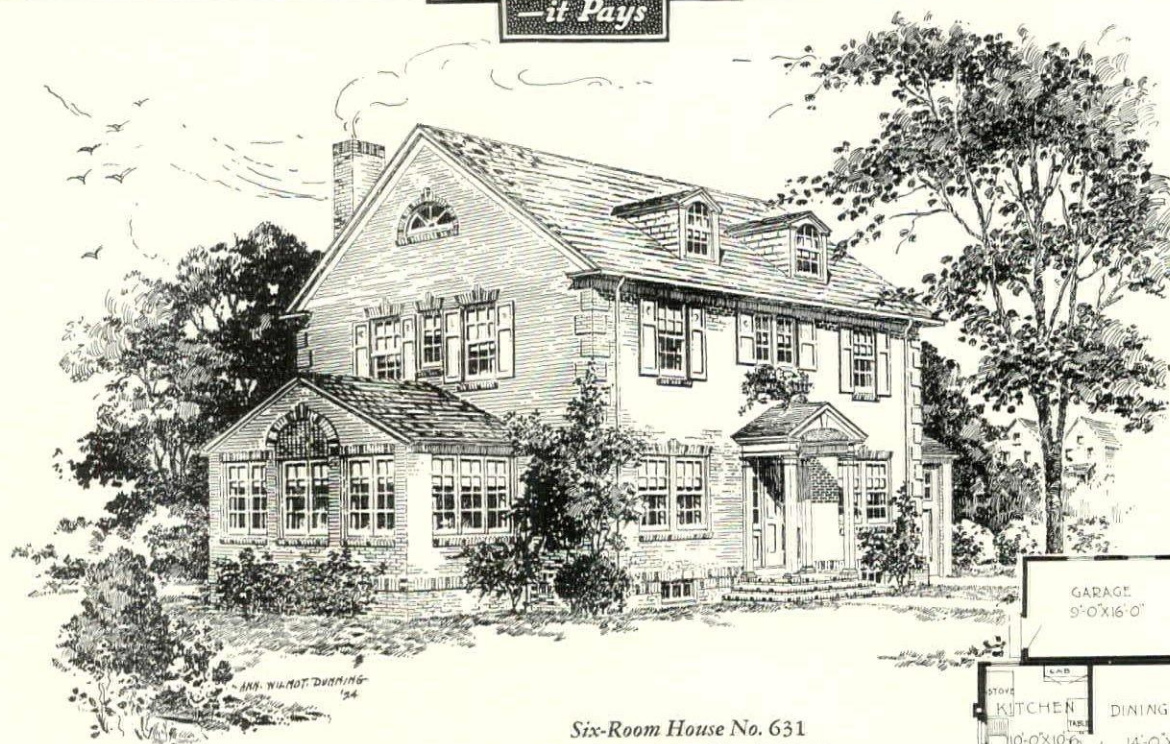
Street .....

City.....State.....

H. & G.—2-27

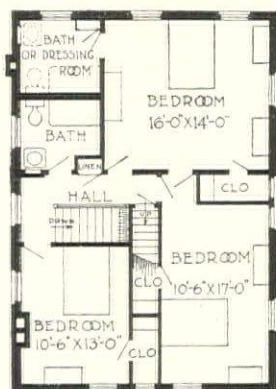


**A.F.B.A.**  
**USE FACE BRICK**  
*—it Pays*

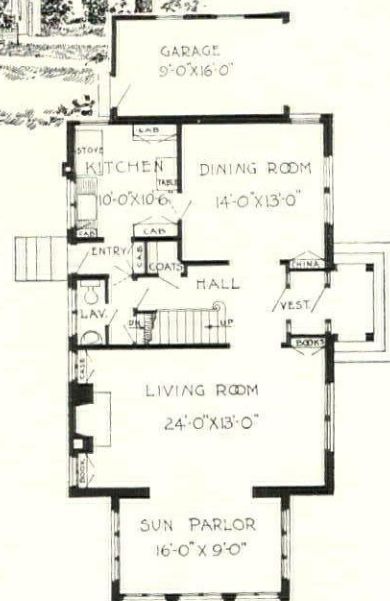


*Six-Room House No. 631*

One of many designed for the homeowner by the Service Department of American Face Brick Association.



SECOND FLOOR



FIRST FLOOR

## Beauty That Endures

THE woman's eye will note the thoroughly practical interior arrangement and distinguished exterior of this Face Brick house. Time enhances the charm as age enriches the beauty of its color tones. The passing years exact little toll, for the Face Brick house is truly the permanent economical house. The "Story of Brick" contains interesting facts for the prospective home-builder —sent free on request.



### YOU MAY FIND THESE BOOKLETS INTERESTING

"Face Brick Bungalow and Small House Plans" embrace 128 designs of Face Brick bungalows and small houses. These houses are unusual and distinctive in design, economical to build, and convenient in floor plan. Issued in four booklets showing 3 to 4-room houses, 5-room houses, 6-room houses, and 7 to 8-room houses. The entire set for one dollar; and any one of the books, 25 cents. We can supply complete working drawings at nominal prices.

"The Home of Beauty" contains 50 designs of two-story six-room

Face Brick houses, representing a wide variety of architectural styles and interior arrangements, selected from 350 designs submitted in a nationwide Architectural Competition. Sent for 50 cents. Complete working drawings for these houses at nominal cost.

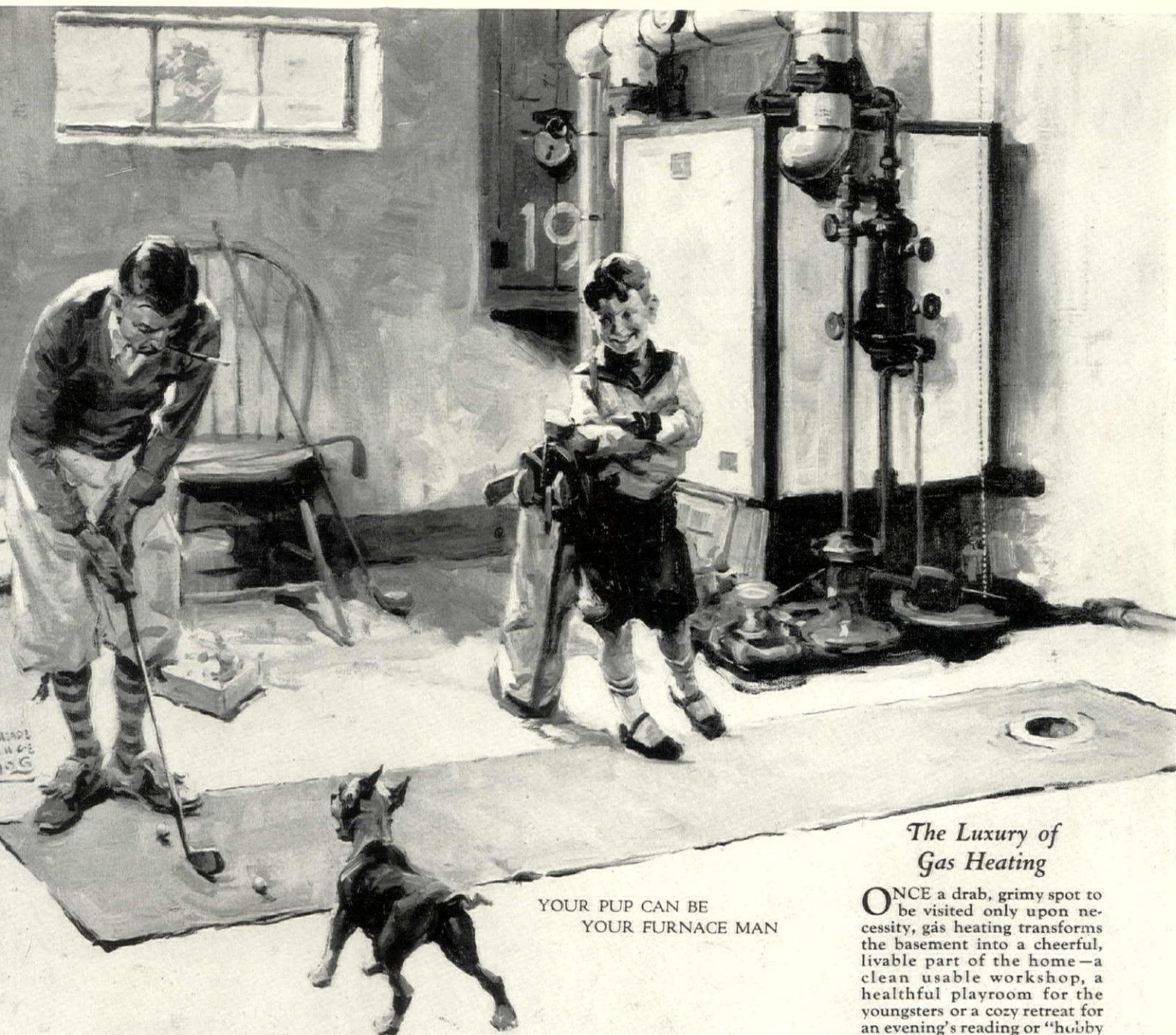
"The Home Fires," a most attractive fireplace book, with many designs, gives full directions for fireplace construction. Sent for 25 cents.

"A New House for the Old." Stop repairing and painting by veneering the old house with beautiful Face Brick. Booklet sent free.

## AMERICAN FACE BRICK ASSOCIATION

1721 Peoples Life Building, Chicago, Illinois





YOUR PUP CAN BE  
YOUR FURNACE MAN

### The Luxury of Gas Heating

ONCE a drab, grimy spot to be visited only upon necessity, gas heating transforms the basement into a cheerful, livable part of the home—a clean usable workshop, a healthful playroom for the youngsters or a cozy retreat for an evening's reading or "hobby riding."

But the benefits of gas heating are not confined to the basement. Throughout the entire house we find the cozy comfort of inviting warmth—temperatures automatically maintained within a single degree all winter long—and cleanliness that permeates the gas-heated home from basement to attic.

## Heat Your Home with Gas

ENJOY the carefree heating service which your gas company can provide.

With a good automatic gas heating plant in your basement, you can let your pup be furnace man! That's all the furnace tending you'll need.

And the wonderful convenience and comfort of this heating service is well within reach of most families.

Gas prices in most communities are very moderate. Many gas companies even grant special low rates for house-heating.

Let us tell you of the wonderful heating service which gas can bring to your home. Write for a copy of our new gas house-heating booklet.

THE BRYANT HEATER & MFG. COMPANY  
17876 St. Clair Avenue CLEVELAND, OHIO

## BRYANT GAS HEATING





# Costs you nothing Flax-li-num

pays for itself in a few years and every year—for the life of your home—cuts your fuel bill one-third

INSULATION is a practical necessity—just as necessary as an overcoat in winter—as cool clothing in summer. Just as an overcoat keeps you warm, so FLAX-LI-NUM keeps the heat in your home and shuts out winter's cold. In summer FLAX-LI-NUM shuts out the broiling heat of the sun, and keeps your home cooler, upstairs and down.

A full one-third saving in fuel is assured in FLAX-LI-NUM insulated homes. This saving continues so long as the home stands. In a few years your investment is repaid. Not only does FLAX-LI-NUM cost you nothing, but its savings make an excellent dividend year after year on your FLAX-LI-NUM investment. When you build your home have the permanent economy of FLAX-LI-NUM insulation.

## The FLAX-LI-NUM Method Gives Six Surface Drops

As heat passes through a wall, some of the heat is stopped by so-called "surface resistance". Therefore, the more surfaces in a wall, the less heat passes through it. FLAX-LI-NUM is installed half-way between the inner and outer walls, thereby creating two extra surface resistances—six in all. The FLAX-LI-NUM method of installation is correct in theory and in actual construction—one-half inch in side walls and one inch thickness in roof.

## FLAX-LI-NUM Lasts as Long as the Building

Any farmer will tell you that flax fibre will not rot in the ground—that it must be raked from the field. It is from this tough fibrous material that FLAX-LI-NUM is made. Purified and compressed into semi-rigid sheets, FLAX-LI-NUM will stay in place, in perfect condition, for the life of the building. Its insulating efficiency 15 or 20 years hence will be undiminished. Samples and complete information on request.

FLAX-LI-NUM INSULATING COMPANY  
St. Paul, Minn.

# Flax-li-num

THE CORRECT BUILDING INSULATION AND SOUND CONTROL MATERIAL







# When Louisiana was a French Colony

THE French settlers of Louisiana naturally brought with them the manners, fashions and customs of their sunny motherland. Entertainment and hospitality were lavish and open handed. The wealthier colonists established homes on the scale of the great chateaus of France and of course many of these were constructed of

## Louisiana Red Cypress

The old Perique house, pictured above, was erected in 1750, and later occupied as a plantation home by Captain Perique, a retired Spanish navigator, who first developed and grew the famous Perique Tobacco that still bears his name.

After 176 years, during which repairs have been few and minor, this historic homestead remains in habitable condition, standing as a worthy tribute to the lasting service qualities of

## "The Wood Eternal"

Modern builders who appreciate the ultimate economy of long service specify Clear Heart Grade of genuine Louisiana Red Cypress for porch flooring, siding, cornice, stepping, door and window frames, pergolas, trellises and all woodwork exposed to the weather.

Louisiana Red Cypress is the true "Wood Eternal" which, in addition to its use in building construction, is employed largely for many special applications in various industries, where immunity to acids and resistance to decay are prime factors.

Write us for complete information regarding Louisiana Red Cypress, its grades and economical uses: And also for information as to sources of supply if your dealer cannot fill your needs.



## TUPELO

is a lumber of preeminent value for  
Flooring and Interior Trim

It is a wood of exceedingly tough fibre, having what is known as an "involved" grain. That gives it an extreme resistance to wear and makes it almost impossible for it to split. It takes all finishes perfectly.

It is widely used in fine apartment buildings, schools and factories, as well as in residences.

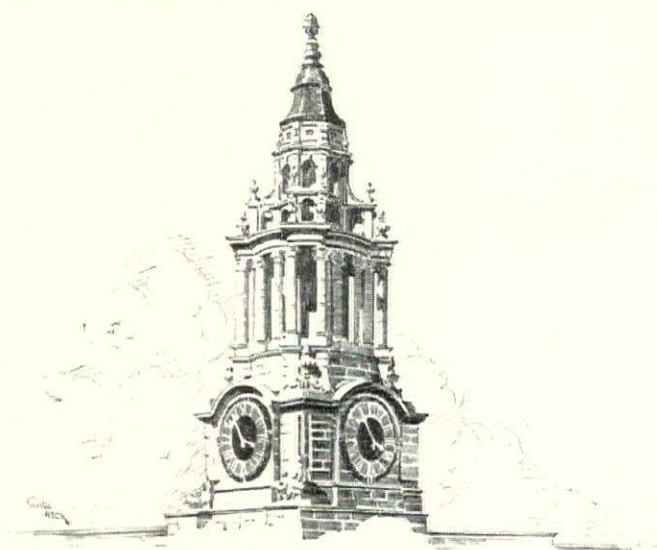
Ask us for literature showing where it has been used and evidence of its highly satisfactory and economical service.



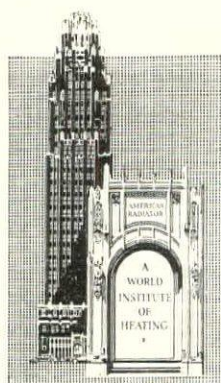
# LOUISIANA RED CYPRESS BUREAU

507 Carondelet St - - - - New Orleans, La.





## HOUR TO HOUR SERVICE WHICH BLANKETS THE NATION



FOR Thirty-five years the American Radiator Company has held fast to the conviction that the one and only indestructible market is that which is rooted deep in the instinctive preferences of the people.

This is the unwritten law of business growth which rises above all artificial considerations—to supply a basic human need so completely and so economically that in the mind of the average man there is never even a thought of turning to any other source.

The American Radiator Company saw thirty-five years ago this vision of a service so widespread and painstaking that it would render itself *indispensable* in every building operation from the most modest home to the most ambitious business structure.

That vision has become a physical, practical fact, not only in the economic

soundness of the product and an actual hour-to-hour service which practically blankets the nation—but also in that other more important thing, the universal recognition that American Radiator Company and heat are synonymous terms.

Wherever there is growth—wherever there is expansion—the American Radiator Company, by right of the conquest of incomparable service, becomes an immediate and most intimate part of the process.

Clear across the continent, the American Radiator Company marches hand-in-hand with the spirit of development which is the instinct of America—an indispensable factor in the nation's growth because both its product and its service are indispensable.

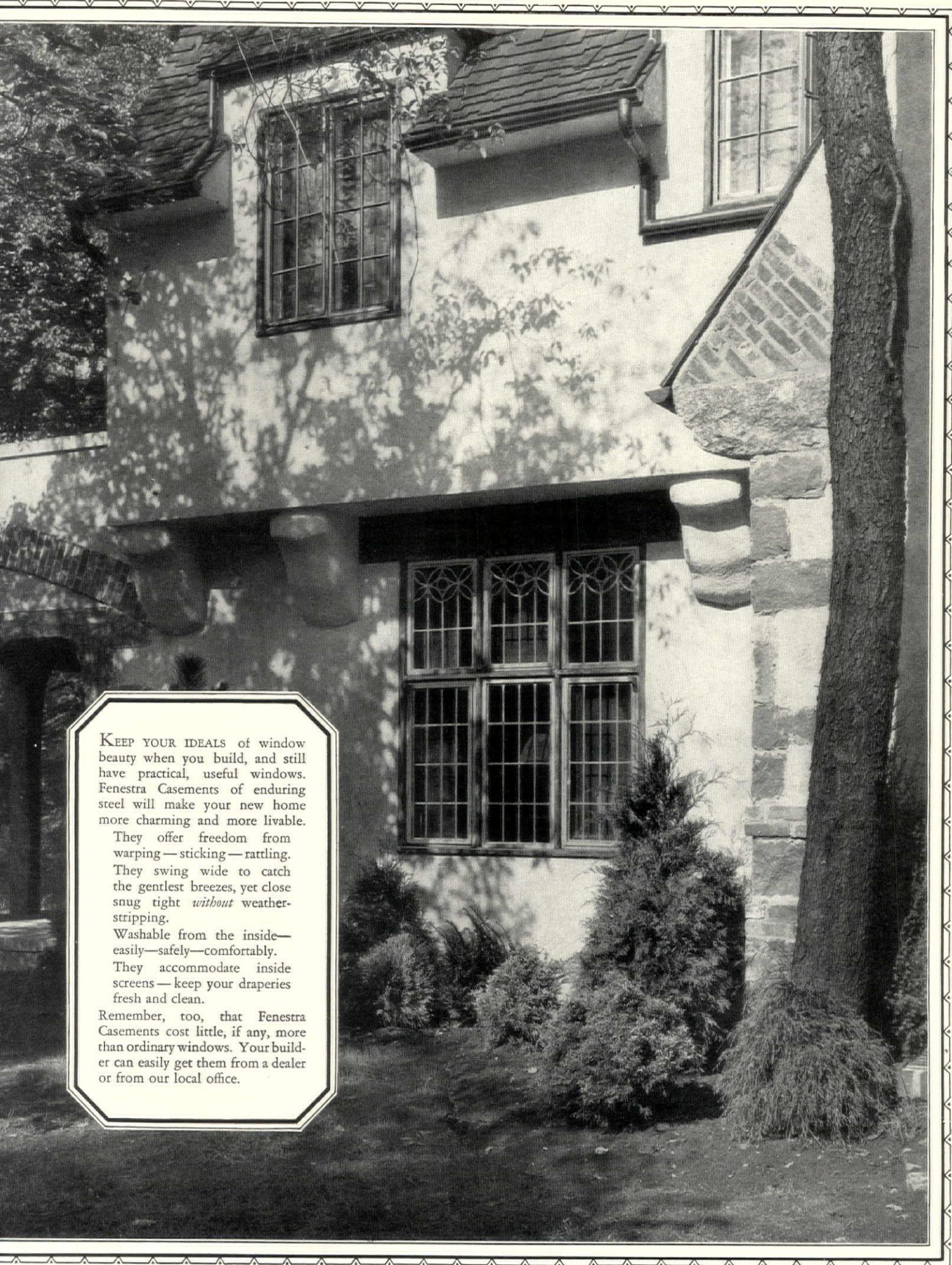
The American Radiator Company is proud of its privilege and conscious of its responsibilities—more eager and alert to serve today and infinitely better able to do so than at any other time in thirty-five years.

## AMERICAN RADIATOR COMPANY

Showrooms and Sales Offices: New York, Boston, Providence, New Haven, Newark, Philadelphia, Baltimore, Washington, Richmond, Buffalo, Pittsburgh, Cleveland, Detroit, Cincinnati, Atlanta, Chicago, Milwaukee, Indianapolis, St. Louis, St. Paul, Minneapolis, Omaha, Denver, Kansas City, San Francisco, Los Angeles, Seattle, Toronto, London, Paris, Milan, Brussels, Berlin.

Makers of IDEAL Boilers, AMERICAN Radiators, ARCO Hot Water Supply Heaters, VENTO (Ventilating) Heaters, Heat-Controlling Accessories, etc.





KEEP YOUR IDEALS of window beauty when you build, and still have practical, useful windows. Fenestra Casements of enduring steel will make your new home more charming and more livable.

They offer freedom from warping—sticking—rattling. They swing wide to catch the gentlest breezes, yet close snug tight *without* weather-stripping.

Washable from the inside—easily—safely—comfortably.

They accommodate inside screens—keep your draperies fresh and clean.

Remember, too, that Fenestra Casements cost little, if any, more than ordinary windows. Your builder can easily get them from a dealer or from our local office.

EDWIN KLINE RESIDENCE, GREAT NECK, LONG ISLAND

ARCHITECTS, HUNT & KLINE, PHOTO BY GILLIES

# Fenestra CASEMENTS

STEEL PRODUCTS CO., C-2256 EAST GRAND BLVD., DETROIT, MICH., FACTORIES: DETROIT, MICH., OAKLAND, CALIF., AND TORONTO, ONT., CANADA






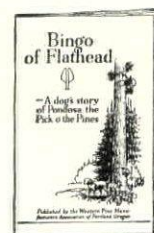
## To realize the beauty that you plan, choose Ponderosa Pine

YOU may not build entirely with wood. But wood you must use—where nothing else can be so good. Charming entrances and lasting doors! Unblemished sashes, moulding, window frames and sash! Delightful newel post and balusters that gracefully mount wide winding stairs. These are assured when you build with beautiful Ponderosa Pine! Sovereign of softwoods! Wonder-wood of the Inland Empire. As versatile as

it is dependable. Light, strong, easily worked—and most certainly economical.

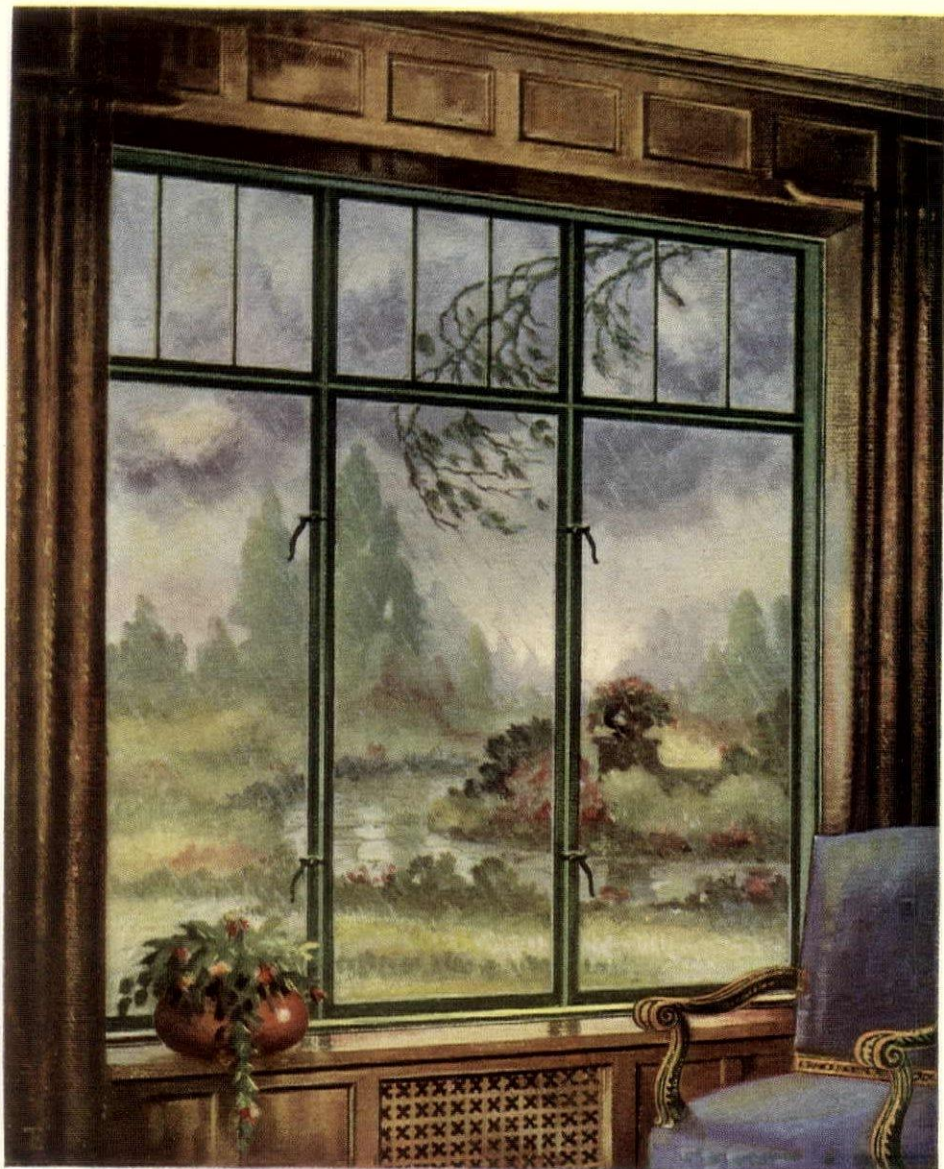
Choose Ponderosa Pine with your architect, confident that every trade-marked stick is rigidly *graded*, thoroughly *seasoned* and carefully *milled*. There is an abundant supply at all good lumber yards for every building purpose. Write for interesting free booklet. Address Dept. 10, Western Pine Manufacturers Association of Portland, Oregon.

Ponderosa Pine   
*The Pick o' the Pines*



Write for  
this booklet





# KAWNEER WINDOWS OF SOLID NICKEL SILVER

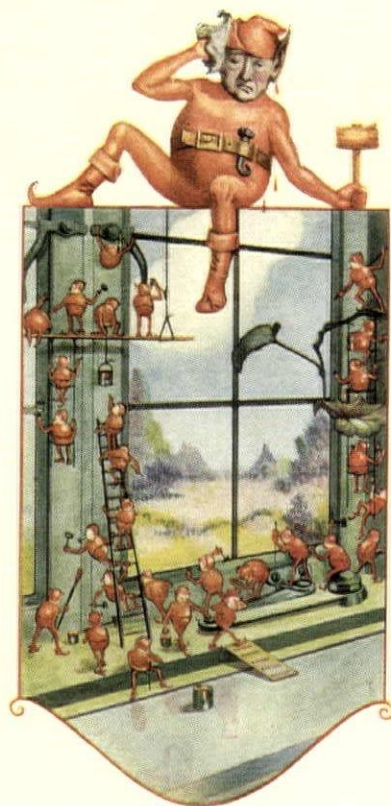
*A Metal Window That Will Not Rust*

Working upon the basic axiom that the best is eventually the cheapest, permanency and positive weathering have been built into these windows. They require no painting or weather stripping, will not swell or bind and effect a saving in fuel.

THE  
**Kawneer**  
COMPANY

310 NORTH FRONT STREET  
NILES, - MICH.

A BRANCH OFFICE IS NEAR TO SERVE YOU



## RUST

Old Man Rust with  
his ever-active or-  
ganization, fails in  
his attack on  
Kawneer Nickel  
Silver Windows



This portfolio of sheets,  
together with demonstrator,  
will prove valuable to home  
builders.

SEND FOR IT





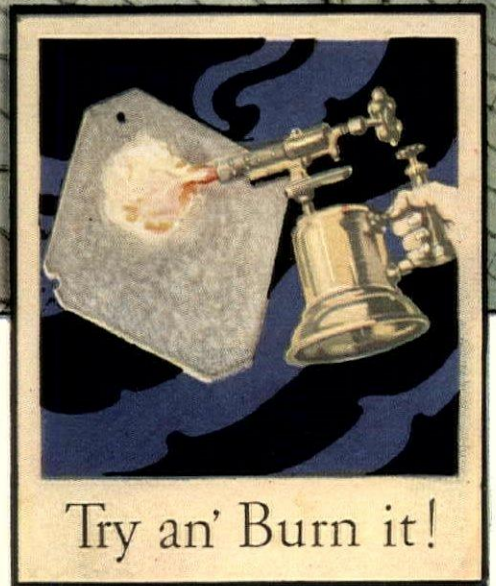
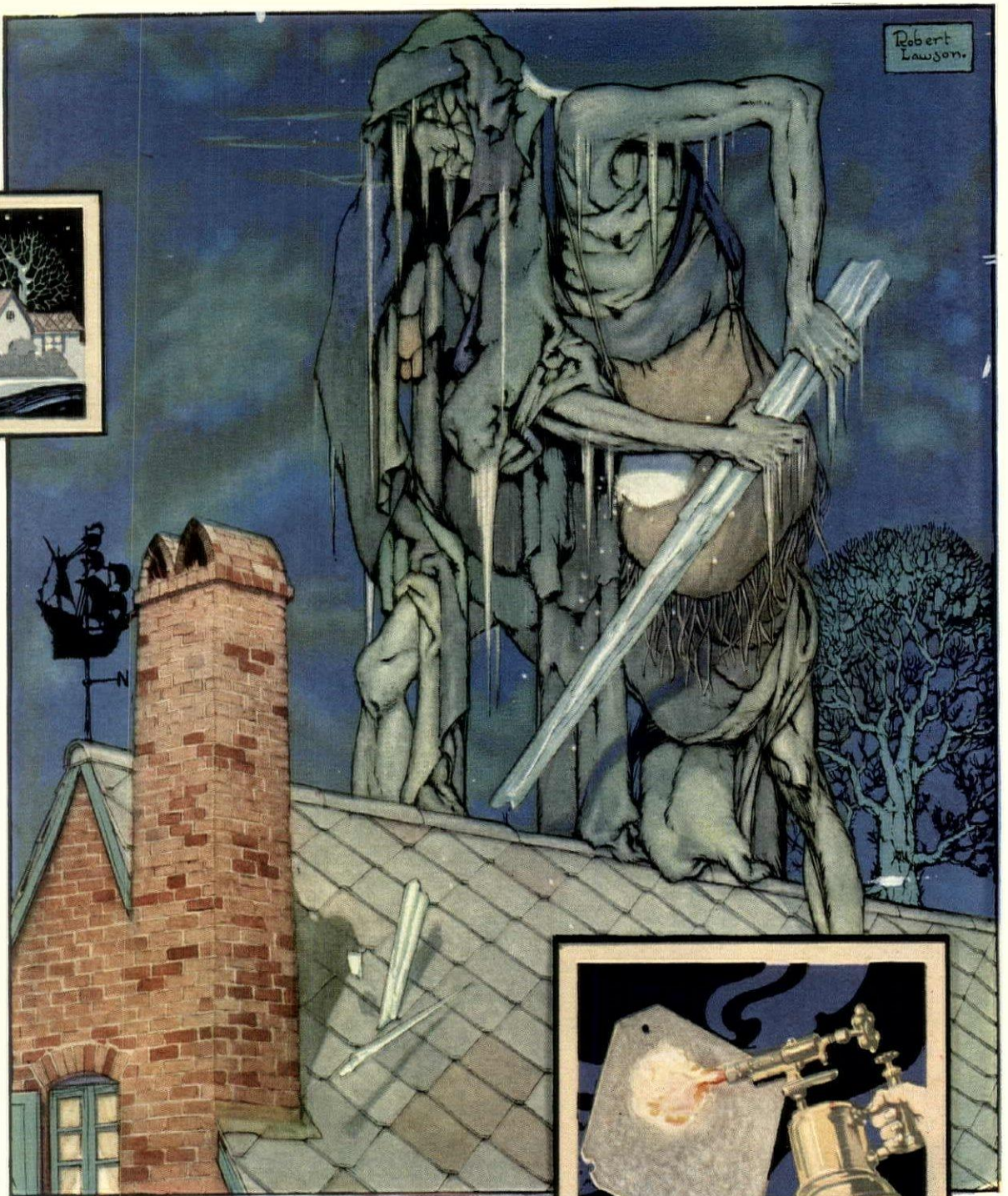
Robert  
Lawson.



#### Charming color effects

One side of each Asbestos shingle is rich with autumnal tints. The other side is a soft, silver gray.

Lay a few, unnailed, each side up on two corners of your roof. Then decide for yourself.



Try an' Burn it!

# Nor can freezing weather crack them

**F**REEZING—thawing—weather—will not crack or chip these everlasting shingles; fire cannot burn them; time can only weather and age them to a deeper beauty.

Johns-Manville Rigid Asbestos Shingles offer the ultimate in roofing protection, absolute permanence, an enduring beauty and really remarkable economy.

One side of the shingle is, by our specially patented process, embellished with the glorious and varied colors of an autumn hillside; the other side is the soft, subdued gray of the morning mist. Either side can be laid "to the weather."

Never has so inexpensive and so enduring a roof been so beautiful.

# JOHNS-MANVILLE

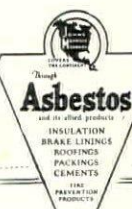
## ASBESTOS SHINGLES

Johns-Manville Inc.,  
292 Madison Ave., New York City

Kindly tell me how I can roof or re-roof most economically with Johns-Manville Rigid Asbestos Shingles.

Name.....

Address.....





COMFORTABLY  
WARM  
IN A  
SURPRISINGLY  
SHORT TIME



There is no long shivering wait for the house to heat in the morning, if it is lined with Cork!

CLOSE down the windows and turn on the heat. If your house is lined with Armstrong's Corkboard, your bedrooms will become warm in a very short time. What a comfort! And what a *difference*! In most houses it takes cold rooms *hours* to warm up, because most of the heat escapes through the walls. But cork insulation holds the heat inside. You don't have to go to the bathroom to dress in comfort in the cork-lined house.

Quick heat-response is just one of the advantages of cork insulation. Protected from winter's cold with Armstrong's Corkboard, a house stays uniformly and comfortably warm all day. Fuel bills are substantially lower and the furnace needs less frequent attention. It is never necessary to "force" the fire.

Furthermore, a house lined with Armstrong's Corkboard can be heated with a smaller, and therefore a less expensive, heating plant. The saving in this item and in the cost of fuel more than pays for the insulation. Comfort and satisfaction are added values.

Armstrong's Corkboard is supplied in such thickness as to afford adequate insulation in a single layer. It is non-absorbent, vermin-proof and fire retardant. It can be erected easily in any type of construction, frame, brick, concrete, stone or hollow tile, and plastered without lath. Armstrong's Corkboard is structurally strong and cannot settle, shrink, or bulge. It will last the life of the house without losing its insulating properties in the slightest degree.

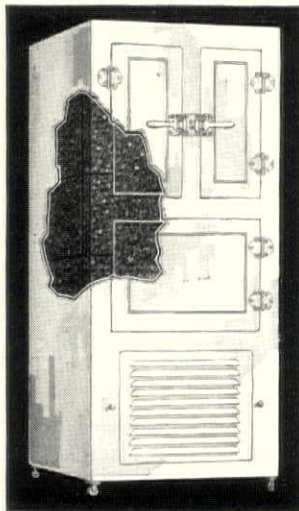
If you are planning to build, include

## Armstrong's Corkboard Insulation

*A Heatproof Lining for Walls and Roof*

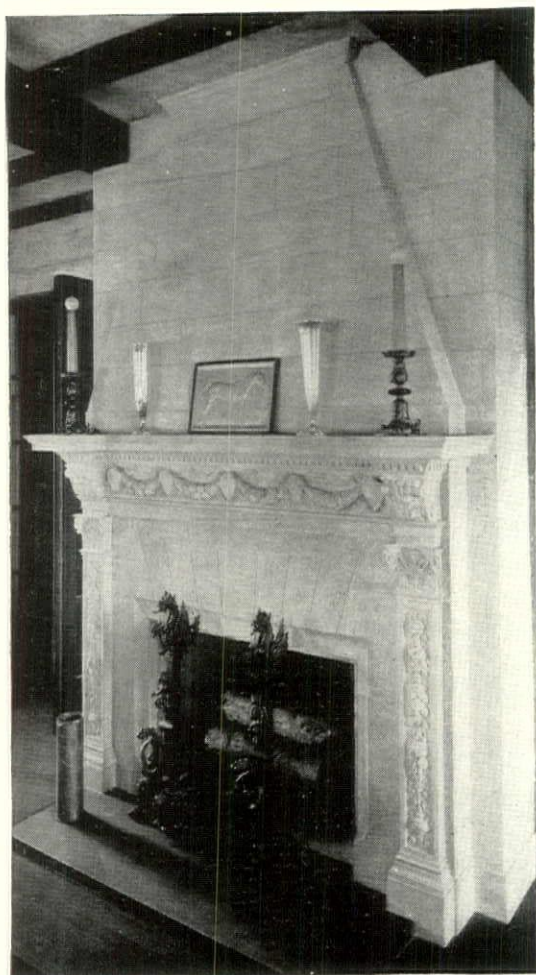
Armstrong's Corkboard in the specifications and be sure of a house that will be comfortable the year 'round and economical to heat. We will gladly furnish an estimate of the cost of insulating with corkboard. Write for a 32-page illustrated booklet, "The Cork-Lined House Makes a Comfortable Home." Address Armstrong Cork & Insulation Company (Division of Armstrong Cork Company), 193 Twenty-fourth Street, Pittsburgh, Pa. Branches in the principal cities of the United States.

Reg. U. S.  Pat. Off.



The best refrigerators, both electric and ice, are insulated with Armstrong's Corkboard. They hold the proper low temperature with the least refrigeration and are cheapest in the end. When you buy a refrigerator, be sure it is insulated with Armstrong's Corkboard.





DISTINCTIVE

*"There is nothing that makes its way more directly to the soul than beauty."—ADDISON.*

## BUILDING LIKE TITANS

IT has been rightly said that the Greeks "built like Titans and finished like jewellers." But with all their skill, it is due solely to the enduring qualities of their chosen material—marble—that we moderns are still able to gaze upon the wonderful structures of Greece.

Buffeted by the winds and rains of twenty-four centuries, scorched by the suns of thousands of summers, ravaged by enemy hands, they yet have endured to delight the soul of the seeker of beauty and the searcher after knowledge.

Even though matchless in richness and durability, marble, the inimitable material of nature, is most modest in cost. As a floor material for sun parlor—for mantel—for wainscot in bath or kitchen—as a medium of expression for garden furniture—it is an actual economy. It possesses a charm of character all its own.

*Write today to Department A-6 for an illustrated folder telling more about the many uses of marble in the home.*

**NATIONAL ASSOCIATION of MARBLE DEALERS**  
ROCKEFELLER BUILDING • CLEVELAND • OHIO

*There is No Substitute for Marble*





*Harmonious color treatment of each room is achieved by modern color finishes, applied to red or white oak. Further variation is possible by the use of different widths, either plain or quarter sawn.*

## A floor of OAK is a permanent floor~

in your new home,  
or laid over old  
worn floors in your  
present home



OAK does not deteriorate. It improves with time, taking on the rich mellow tones of age. Simply give the surface the same attention you would good furniture, no more. Oak is the one flooring material that displays in the fullest degree all the essentials of a good floor—natural beauty, harmonizing background, cleanliness, permanence, a sound foundation and increased value to property.

*When you build, specify oak flooring*

Then for as long as you live, and your children after you, Nature's incomparable wood will beautify and enrich the floors of your home. Its grain is distinctive, and cannot be successfully imitated. Shafts of light, flecking the surface, emphasize its delicate figure; furniture and appointments are gracefully reflected; and when rugs are tastefully placed to leave open floor areas, the effect is all a home lover can desire.

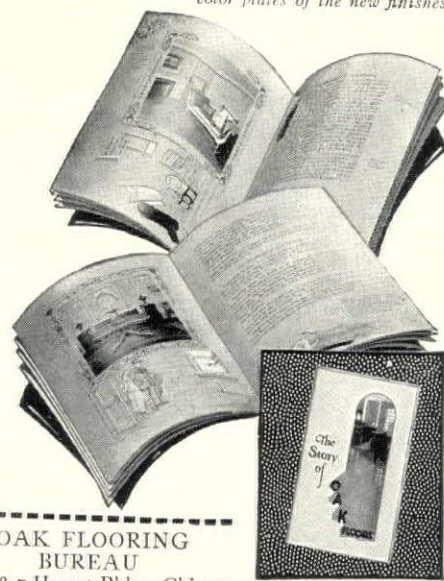
*Lay oak over old worn floors*

In your present home, enjoy all these advantages by flooring with oak over the old floor. No woodwork need be disturbed, except the moulding.

*Ask your leading lumber dealer*

He will gladly estimate the cost, and make suggestions for individual room treatment, without obligation.

*Whether you build, or remodel, send for this free book; 24 pages of interesting flooring facts with color plates of the new finishes.*



OAK FLOORING  
BUREAU

847 Hearst Bldg., Chicago

Please send me "The Story of Oak Floors."

Name \_\_\_\_\_

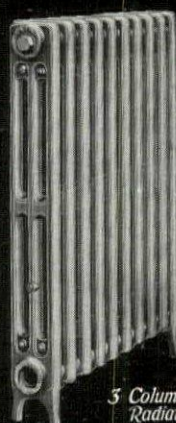
Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_

**OAK FLOORING BUREAU, CHICAGO**



## THE GOLD MEDAL LINE



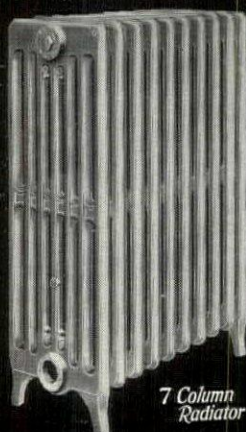
5 Column  
Radiator



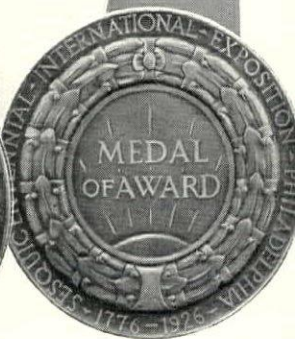
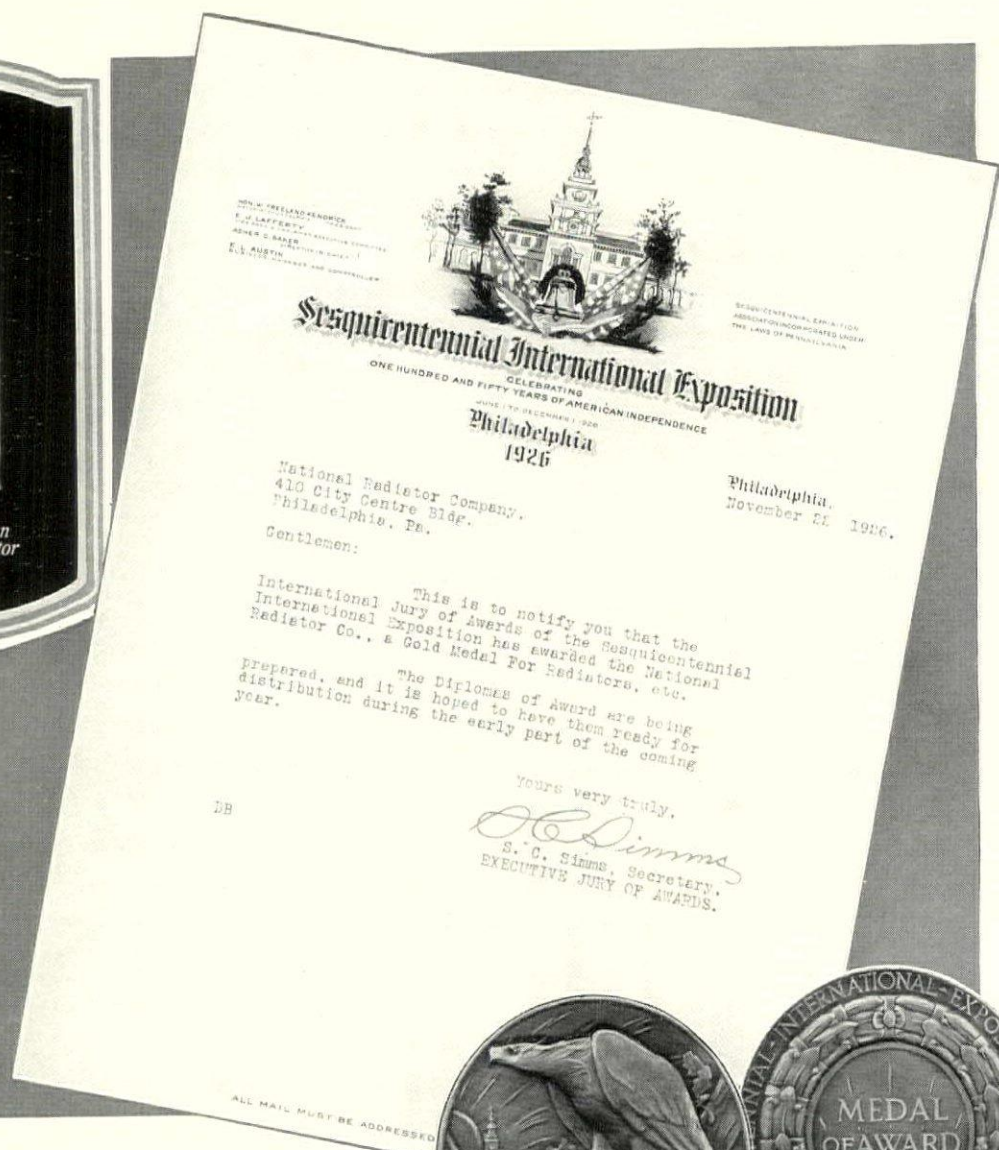
4 Column  
Radiator



5 Column  
Radiator



7 Column  
Radiator



# Gold Medal AWARD

Aero is the Radiator Vogue.

For more than five years sales have proven it—

Other manufacturers are scrapping millions of dollars worth of equipment in an attempt to produce a radiator like it—

Thousands of satisfactory heating installations throughout the country are positive evidence of it—

Architects, Builders and Heating Men everywhere specify it—

NOW the judges at the Sesqui Centennial confirm it.

AERO IS THE RADIATOR VOGUE. Specify Genuine Aero Radiators—not an Aero type radiator.

**NATIONAL RADIATOR COMPANY**  
JOHNSTOWN, PA.

New York, Philadelphia, Baltimore, Washington, Richmond, Pittsburgh, Cincinnati, Cleveland, Chicago

BEAUTY and WARMTH with

# AERO RADIATORS



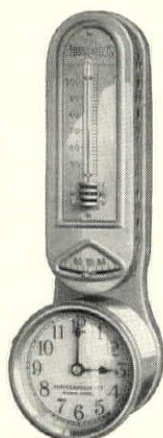
# Fire tending was a tremendous task in the Early 80's

*It's just what you make  
it today*



IN those days the dread of winter was keenly felt in every household. The stay-at-homes might escape the brunt of the cold, but they knew little of the heating comfort of today. And when winter set in, they were obliged to accept the drudgery of constantly watching and regulating dampers and drafts. There was no avoiding it—until automatic control of heating plants was originated in the Middle 80's with the Minneapolis Heat Regulator.

Then came a new era in heating. Comfort undreamed of! How could such a small, simple, mechanical device keep the temperature uniform, close and even dampers and drafts when the temperature varied so little as one degree? Was it possible that no member of the family had to watch temperature regulation? People wondered, at first, it seemed so miraculous.



Model 77  
8-day, 7-Jewel  
Clock

But they soon learned to accept the Minneapolis as a dependable aid to correct, economical, trouble-free heating.

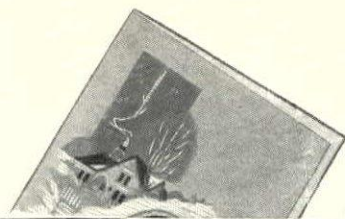
Today millions of people, in every civilized country, enjoy Minneapolis advantages. They are especially enthusiastic about the clock and its performance. This clock, an eight-day, jeweled time-piece, automatically lowers the temperature at night and raises it back to the daytime level in the morning. Warm rooms, when it's time to get up!

## For Coal, Coke, Gas, Oil

The highly developed Minneapolis is completely successful with all types of heating plants. Leading oil burner manufacturers include the Minneapolis as standard equipment and feature its dependable operation. If you want proven reliability, look for the Minneapolis before you buy. *Mail the coupon for valuable booklet, sent free.*

*Nearly half of the heating  
season is still ahead. Have  
your MINNEAPOLIS  
installed at once*

The Minneapolis Heat Regulator is sold and installed by a nationwide organization with branch offices in principal cities and experienced dealers in almost every community. *Branch and distributing offices:* New York, Chicago, Philadelphia, Boston, Detroit, Cleveland, St. Louis, Cincinnati, Milwaukee, Pittsburgh, Baltimore, Washington, D. C., Buffalo, Syracuse, St. Paul, Kansas City, Omaha, Denver, Portland, Seattle, Hartford. *In Canada:* Montreal, Toronto, Windsor, Winnipeg, Calgary, Vancouver.



# The "MINNEAPOLIS" HEAT REGULATOR for COAL - GAS - OIL

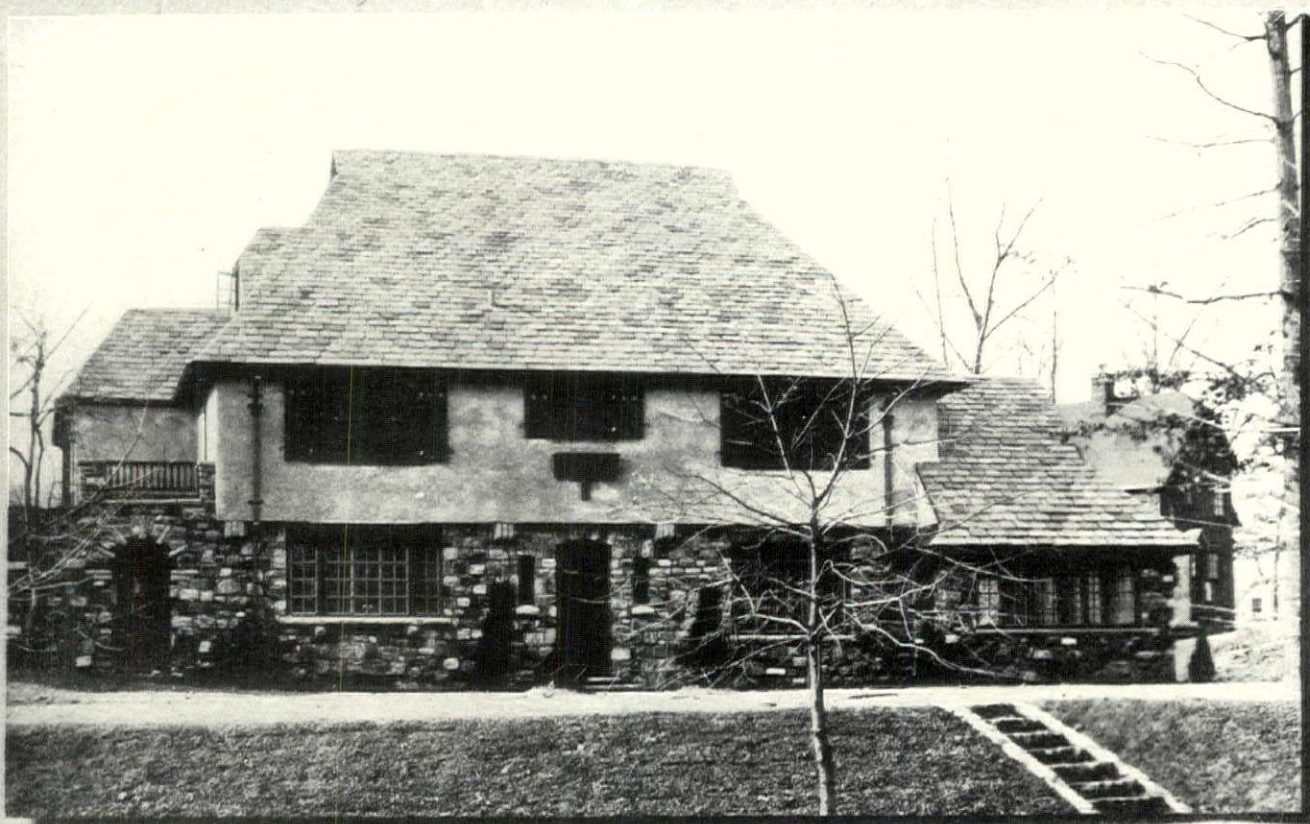
MINNEAPOLIS HEAT REGULATOR CO., Est. 1885  
2790 Fourth Ave., So., Minneapolis, Minn.

Please send me your free booklet, "The Proper Operation of the Home Heating Plant," and full information on the subject of automatic heat control. I have checked the kind of fuel I am now using or have under consideration.

☐ Coal ☐ Oil ☐ Gas ☐ Coke ☐ District Steam

Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_  
State \_\_\_\_\_





GLENN PHELPS, Architect

## Tudor Stone Roofs and Flagging

SINCE it is of vital importance that the character of the roof should be in keeping with the character of the building, every TUDOR STONE ROOF is specially designed for the residence to be erected. Details of the roof having been worked out in advance, the slate is especially quarried and cut, and the roof laid in accordance with the plan. Thus architectural harmony is predetermined. Our Architects' Service Department, under the personal supervision of Mr. Walter McQuade, a practicing architect, will be glad to cooperate with you and your architect in planning a TUDOR STONE ROOF.

We shall be pleased to send you, upon request, a copy of our illustrated booklet, which fully describes Tudor Stone for Flagging and Roofs.

**Rising and Nelson Slate Company**

Sales Office and Architects' Service Department: 101 Park Avenue · NEW YORK

Quarries and Main Office: West Pawlet, Vermont

BOSTON

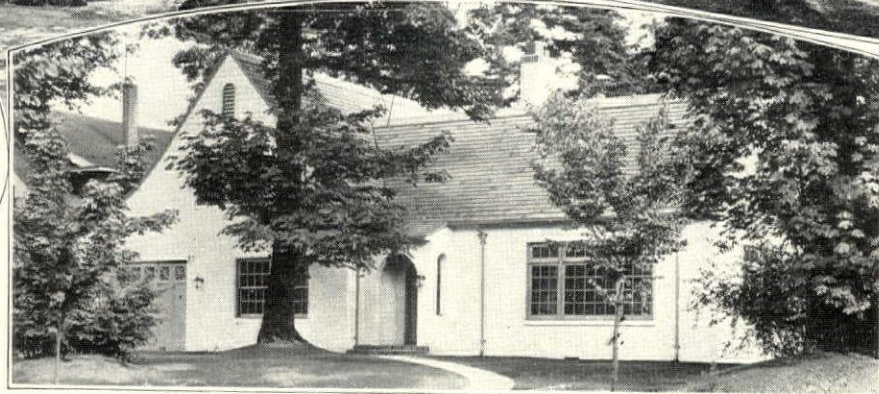
DETROIT

PHILADELPHIA

CHICAGO



## Hollow Tile



### HOLLOW TILE

Available everywhere, write to the manufacturer located nearest you

#### ALABAMA

Alabama Brick and Tile Co., Decatur.  
 Jenkins Brick Co., Montgomery.  
 Vulcan Tile and Brick Co., Birmingham.

#### ARKANSAS

Magnolia Brick & Tile Co., 225 Louisiana St., Little Rock.

#### CALIFORNIA

California Brick Co., 604 Mission St., San Francisco.  
 Gladding, McBean and Co., 660 Market St., San Francisco.  
 Los Angeles Pressed Brick Co., Los Angeles.

#### COLORADO

Longmont Brick and Tile Co., Longmont.

#### GEORGIA

Columbus Brick and Tile Co., Columbus.

#### ILLINOIS

Wm. E. Dee Co., 30 N. LaSalle St., Chicago.  
 W. S. Dickey Clay Mfg. Co., 1329 Conway Bldg., Chicago.  
 Jaeger Brick and Tile Co., Aurora.  
 National Fire Proofing Co., 26th St. and Shields Ave., Chicago.  
 White Hall Sewer Pipe and Stoneware Co., White Hall.

#### INDIANA

Indiana Drain Tile Co., Brooklyn.  
 National Fire Proofing Co., Brazil.  
 Portland Drain Tile Co., Portland.  
 Sweetser Drain Tile Co., Sweetser.  
 Vigo-American Clay Co., Terre Haute.

#### IOWA

Mason City Brick & Tile Co., Mason City.

#### KANSAS

The Humboldt Brick Mfg. Co., Humboldt.

#### KENTUCKY

Coral Ridge Clay Products Co., Louisville.

#### MASSACHUSETTS

National Fire Proofing Co., 99 Chauncy St., Boston.

#### MICHIGAN

National Fireproofing Co., 620 Polk Directory Building, Detroit.

#### MISSISSIPPI

Vest Point Tile Co., West Point.

#### MISSOURI

W. S. Dickey Clay Mfg. Co., Kansas City.  
 Fayette Brick and Tile Co., Fayette.

#### NEW JERSEY

The Anness Hollow Tile Corporation, Woodbridge.

#### NEW YORK

American Clay Products Co., Inc., 175 Fifth Ave., New York.  
 National Fireproofing Co., Flat Iron Bldg., New York.  
 Troy Fire Proofing Co., Troy.

#### OHIO

Haviland Clay Works, Haviland.  
 Telford Brothers, Tiffin.  
 Metropolitan Paving Brick Co., Canton.  
 National Fire Proofing Co., East Canton.  
 Nelsonville Brick Co., Columbus.  
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#### OKLAHOMA

Magnolia Brick and Tile Co., Muskogee.

#### OREGON

Columbia Brick Works, Portland.  
 Standard Brick and Tile Co., Portland.

#### PENNSYLVANIA

National Fire Proofing Co., Land Title Bldg., Philadelphia.  
 National Fire Proofing Co., Fulton Bldg., Pittsburgh.

#### TENNESSEE

W. S. Dickey Clay Mfg. Co., Chattanooga.  
 W. G. Bush & Co., Nashville.

#### TEXAS

D'Hanis Brick and Tile Co., D'Hanis.  
 Fraser Brick Co., Dallas.

#### UTAH

Ogden Pressed Brick and Tile Co., 2247 Hudson Ave., Ogden.

#### VIRGINIA

National Fire Proofing Co., Key Bridge, Rosslyn.

#### WASHINGTON

American Fire Brick Co., Spokane.

#### WYOMING

Meridan Pressed Brick and Tile Co., Sheridan.

## Get Facts and Figures Before Building

**P**ROBE deeply into the under cover costs of home owning—learn how 200% monthly may be saved in depreciation and maintenance, while obtaining the highest investment, loan and resale values.

Know Hollow Tile construction economies and savings—why the initial cost of a Hollow Tile building is a third less than for other permanent types. It is often the same or a slight advance over cost of inflammable, perishable frame buildings. Assume that a Hollow Tile constructed

building costs an average of 5% more than frame. Take into account only two items of the savings effected—depreciation and maintenance. Disregard the 25% saving in heating cost—the reduced fire risk and other factors of safety and healthful housing and consider—

### Comparative Cost of Owning on 10-Year Basis

FRAME		HOLLOW BUILDING TILE	
Cost of house.....	\$6,000.00	Cost of house.....	\$6,300.00
Insurance on house—rate 2.304 per hundred.....	138.24	Interest at 6% on \$300 extra cost of house.....	180.00
Insurance on \$2,500 contents—rate 2.816 per hundred.....	70.40	Insurance on house—rate 1.44 per hundred.....	90.72
Depreciation 3% per year.....	1,800.00	Insurance on \$2,500 contents—rate 1.584 per hundred.....	39.60
Maintenance 2% per year.....	1,200.00	Depreciation at 1/2 of 1% per year...	315.00
Total cost of frame house for ten-year period.....	\$9,208.64	Maintenance at 1/2 of 1% per year...	315.00
		Total cost of tile house for ten-year period.....	\$7,240.32

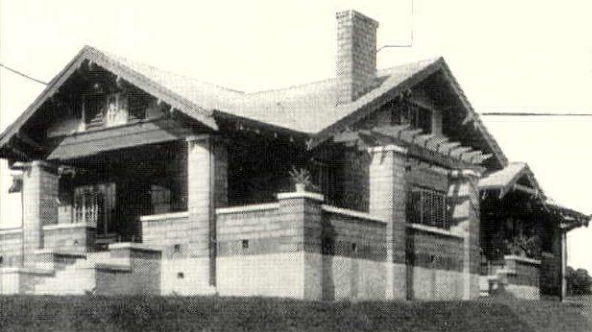
**O**NLY \$300.00 added to initial investment turns back \$1785.00 in a 10 year reduction of depreciation—and that is only a part of the savings inherent in Hollow Tile construction.

Let us send you "Fact and Figures" circular free of cost.  
 A book, "Hollow Tile for the Home" is also mailed upon receipt of 25c—contains valuable information for all who contemplate building.

HOLLOW BUILDING TILE ASSOCIATION • Conway Building, Chicago, Illinois

## Hollow Tile

The Most Economical Form of Permanent Construction



Hollow Building Tile Association, Conway Bldg., Chicago, Illinois

Enclosed find 25c for which please send me your booklet, "Hollow Tile for the Home."

I am interested in building:

- ☐ Residence ☐ Private Garage ☐ Church ☐ School ☐ Store ☐ Farm Buildings  
☐ Factory ☐ Public Garage ☐ Theatre ☐ Apartment ☐ Free Small House Plan Catalog ☐ General Contracting

Name..... Address.....

H. & G.





Stouder Thompson Residence, Cleveland Heights, Ohio Philip Lindsay Small, Architect

## How often your home is judged by its windows

FOR the windows are the eyes of your home—looked through from within, looked into from without. If they are genuinely beautiful, so will your entire home be judged beautiful.

Crittall Steel Casement Windows add beauty and individuality to any home. The pleasing lighting effects of their leaded panes of glass, the rare charm of the antique in their design, permit you to express your own personality through the eyes of your home.

And with these advantages, Crittall Casements combine every practical modern feature. Correct ventilation, *guaranteed* wind and weather-proof construction, solid bronze hardware,

lasting strength—all these are assured at a price remarkably low for Crittall beauty and service. Inward opening windows are available at no extra cost.

A catalog illustrating the varied uses of Crittall Steel Casements and showing how easily they may be draped, screened and washed, will gladly be mailed upon request. Your architect is familiar with them—let him show you how harmoniously they will fit into your plans for your new home.

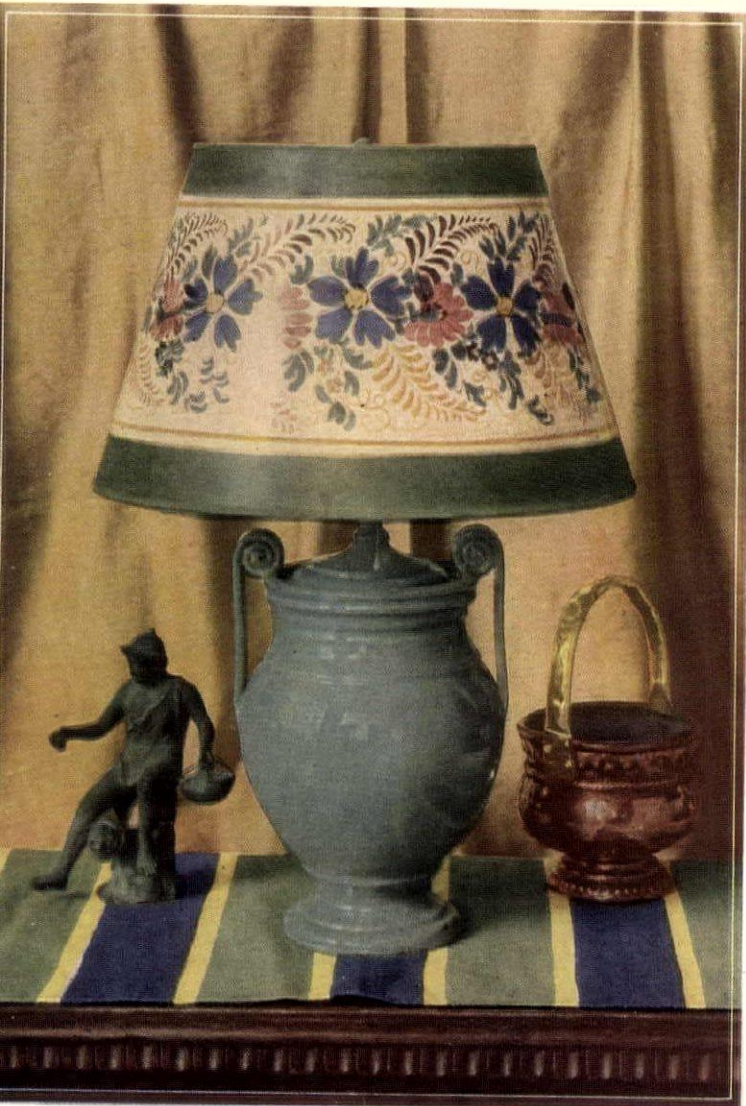
CRITTALL CASEMENT WINDOW COMPANY  
10962 Hearn Avenue Detroit, Michigan

## CRITTALL CASEMENTS

**Custom Built** in either steel or bronze to the architect's sizes, designs and specifications. Also available in steel in **Standardized** sizes and types.



**L**AMPS are the measure of a successful decorative scheme and the discriminating home maker is finding that here are lamps to mark a standard of excellence.

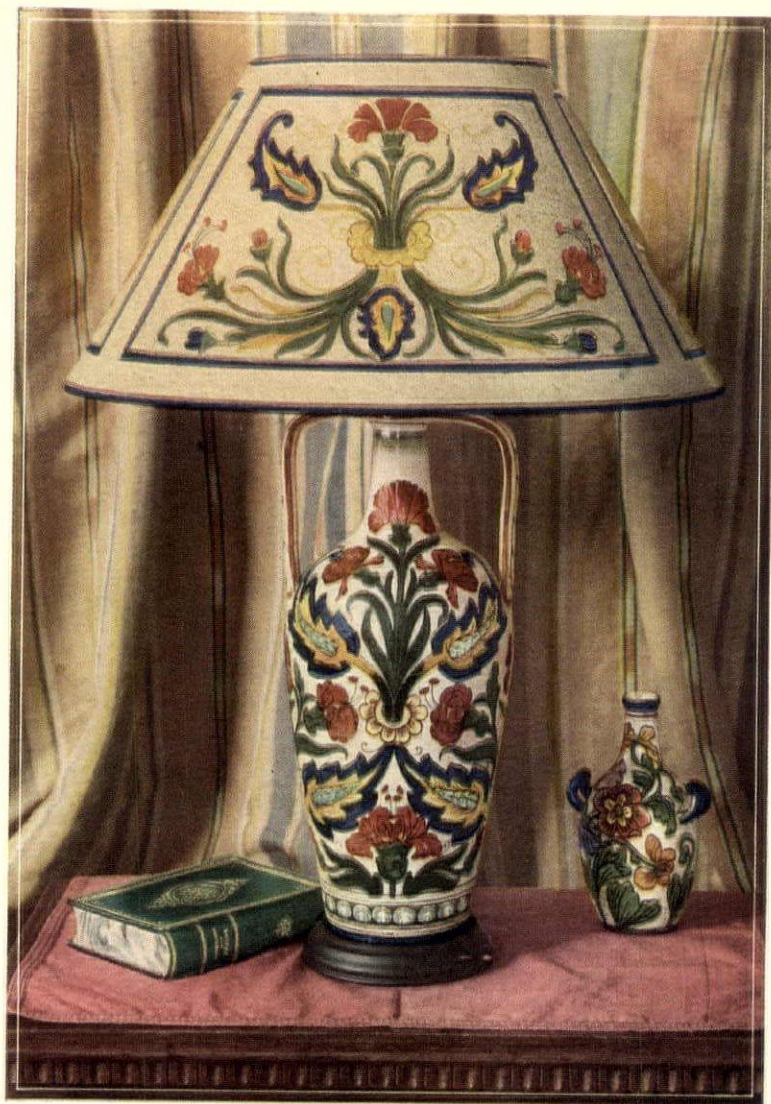


THIS CAPRI BASE OF WANING CLASSIC LINES IS NAMED FOR THE LITTLE ISLAND IN THE BAY OF NAPLES. No. CAP. 7R

EVERY TASTE is gratified as to type and pattern of lamps chosen from this diversified family. Our own studio shades, combined with selected pottery wares from Italy, France and Spain, make possible a rare product in exclusive quantities.

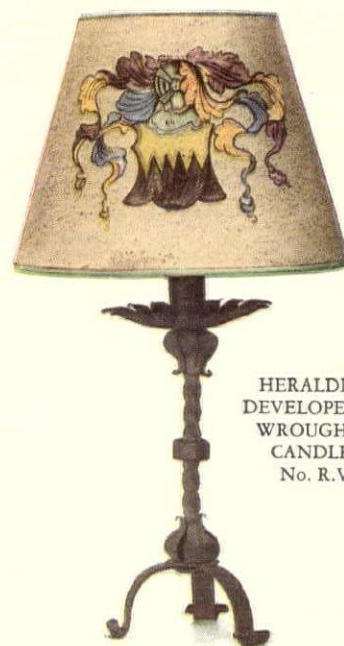


**Carbone**  
IMPORTER OF  
ITALIAN ARTS & ANTIQUES INC.



A STately LAMP IS EVOLVED FROM THE FLORID PIEDILUCO WARE MADE IN CENTRAL ITALY. No. F. P. 322

A LITTLE BOOK devoted to the varied merits and including a score more of refined lamps is now awaiting your request at  
348 CONGRESS ST.  
BOSTON, MASS.



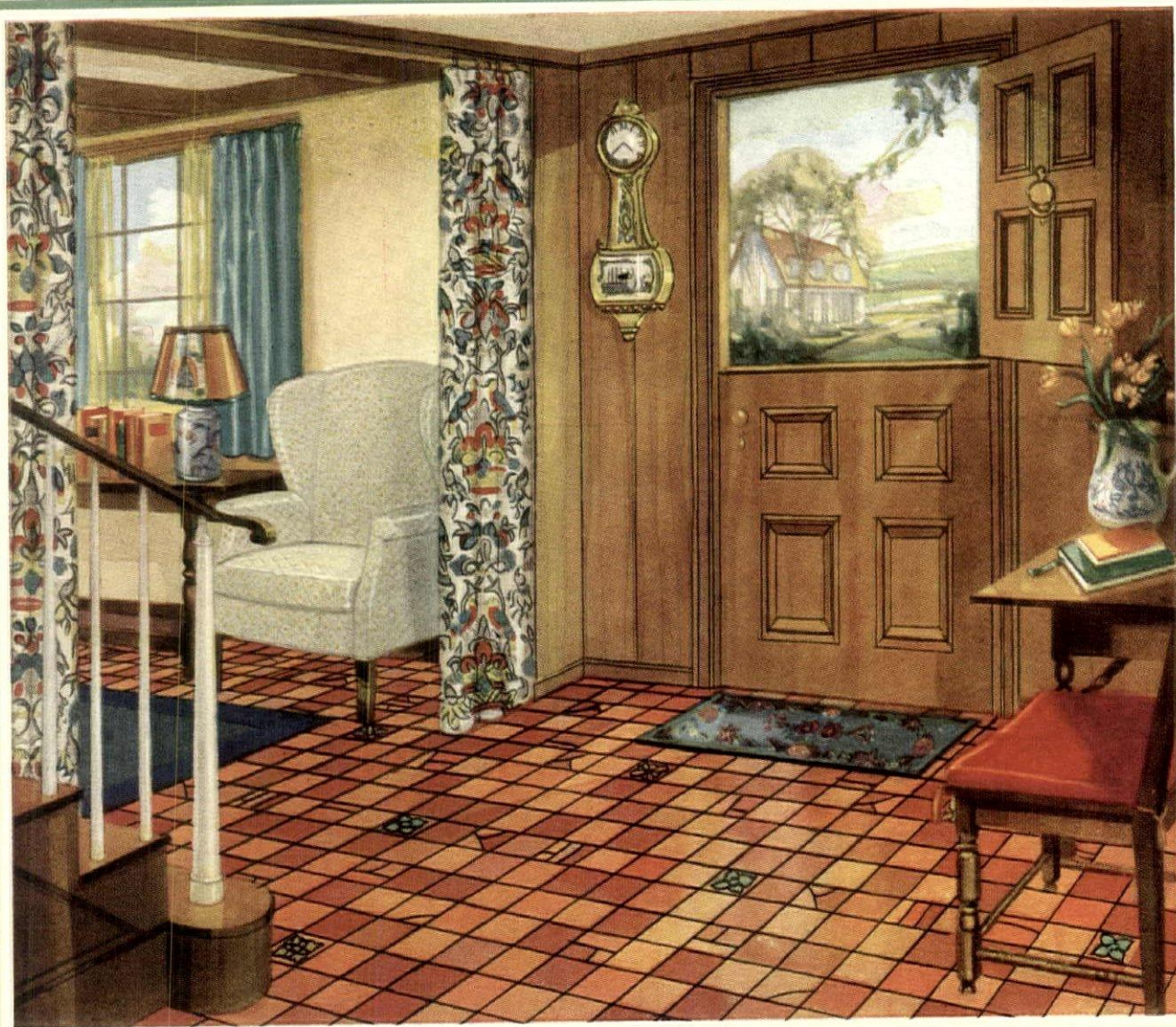
HERALDIC LAMP DEVELOPED FROM WROUGHT IRON CANDLESTICK No. R.V. 2513

DISTRIBUTED  
by FINE SHOPS  
EVERYWHERE



Both small entrance hall and adjoining living-room are linked together in pleasing decorative harmony by the built-in Handcraft Tile Inlaid floor of Armstrong's Linoleum, design No. 3005.

Below — A narrow hall, yet to the eye it seems roomy enough for a pleasing grouping of furniture, due solely to the effect of width obtained by using a pattern floor in black and cream. This floor is Armstrong's Inlaid Linoleum, No. 350.



# Even the smallest Entrance Hall *has plenty of room for beauty*

SOMETIMES it takes quite a bit of fussing and changing things about to get a pleasing decorative effect in an entrance hall. The room is too small or too stretched out. Stairs climb down right in the middle of every attempt toward a happy ensemble of furniture. And doors to adjoining rooms take up most of the wall space.

The easiest way out of the small-hall dilemma is to begin your decoration with the floor. That's exactly the way the simple foyer you see above was planned. This room has very little space for furniture. Yet the vari-toned handcraft floor of Armstrong's Linoleum contributes such a decidedly decorative touch that neither the smallness of the room nor the lack of furniture is apparent. Now glance at the smaller illustration. Here an effect of width has been added to a long, narrow hall by the use of a patterned Armstrong Floor.

Of course, no two rooms present the same problem. Yet practically every decorative need

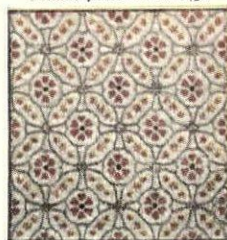
has been anticipated in the many new floor designs in Armstrong's Linoleum — marble tile inlaid, two-toned Jaspés, marbleized effects, printed figured designs, and the latest in linoleum design, the new Embossed Handcraft Tile Inlaid.

You can see all these new linoleum floor designs at good department, furniture, and linoleum stores near you.

Marbleized Inlaid No. c282



Printed pattern No. 8431



The merchant you visit will gladly tell you how these floors can be laid for permanence — cemented in place over builders' deadening felt. He will also submit estimates for any room of your house after you have selected the pattern that best fits your needs. You can be sure you see genuine Armstrong's Cork Linoleum by glancing at the back of the pattern. All Armstrong's Linoleum, both printed and inlaid, bears the Circle A trade-mark on a gray burlap back.

## Planning color schemes made easy

Hazel Dell Brown's new book, "The Attractive Home — How to Plan Its Decoration," tells of a simple method for planning correct color schemes for different types of rooms. This 24-page illustrated book also brings you an offer of Mrs. Brown's free, personal service that is unique. It will be sent to anyone in the United States on receipt of 10 cents to cover mailing costs (in Canada 20 cents). Address Armstrong Cork Company, Linoleum Division, 2698 State Street, Lancaster, Pa.

Look for the  
CIRCLE A  
trade-mark on  
the burlap back



# Armstrong's

# Linoleum

PLAIN ~ INLAID ~ EMBOSSED

for every floor in the house

JASPÉ ~ ARABESQ ~ PRINTED



# DIRECTORY of DECORATION & FINE ARTS



**CHARLES GOULDING CURTIS**  
Antiques Interiors  
1917 WALNUT STREET  
PHILADELPHIA  
Telephone—Rittenhouse 9008

FOR home or office use, file boxes covered in old Italian papers have an appeal for women whose instincts lean toward order and beauty. The housekeeper, as well as the business woman, has learned the value of the file box in preserving correspondence records. And now that these cases are available in gay colors and interesting designs, there is no longer any excuse for inefficient filing methods in the home. The boxes come in regulation file-case size, and are available singly or in sets at the Chintz & Box Shop.



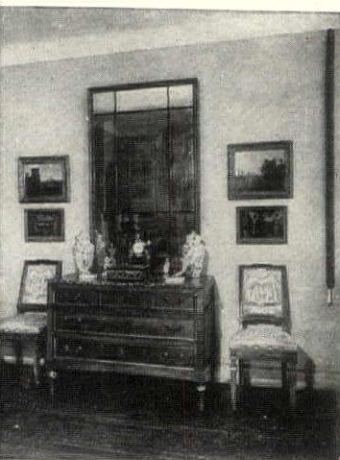
PORCH furniture for southern homes is being developed these days along tropically luxurious lines. "Boat" chairs in wend willow, long, low and deep-seated, are softly upholstered and covered to order in waterproof glazed chintz or in saten. These are splendid for use on patio terrace, porch or yacht.

For use indoors, the Charles chair—a huge, cushioned seat suitable for large living rooms—is deservedly popular. Queen Anne sofas are also much in demand for fireplace groupings and small living rooms, and are decorative covered in crewel work on heavy linen. Good examples of these and other pieces may be seen at the New York shop of Edward R. Barto & Co.



**HERTER LOOMS INC.**  
19 EAST 55TH STREET  
NEW YORK

MAKERS OF PAINTED  
FURNITURE OF DISTIN-  
GUISHED QUALITY FOR  
ANY ROOM OR PURPOSE

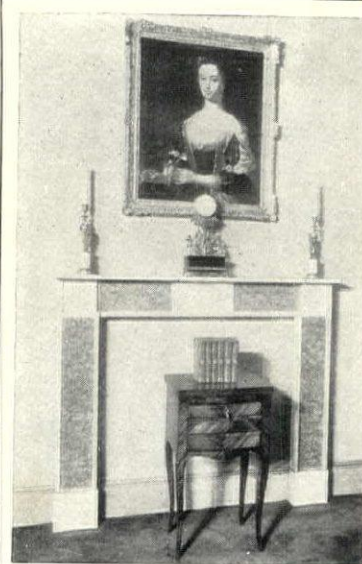


**DIANE TATE AND MARIAN HALL, INC.**  
Antiques and Interiors  
141 EAST 57th STREET NEW YORK  
Telephone Plaza 4612

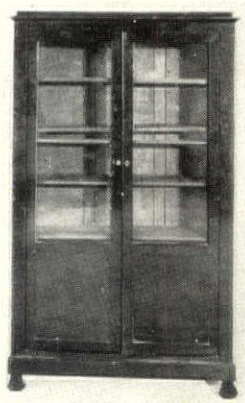
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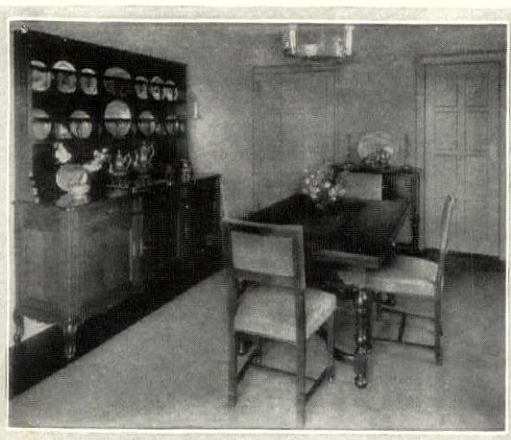


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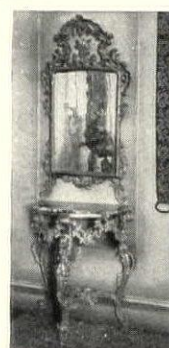


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THE enduring popularity of Bridge has brought forth an amazing number of more or less helpful accessories to be used in connection with the game. Among these the utility corner—a tray that clamps securely to the edge of the card table and holds such necessary adjuncts to the game as beverage glasses, ash receivers and the like—is perhaps the most simply and obviously practical. It may be had now in painted tin, completely equipped with a heavy clamp and accompanied by a set of glass ash receivers. The trays come in sets of two in all colors, and are always appreciated by the Bridge player who prefers his table surface cleared for action. Obtainable at the studio of Ford Tarpley.



A RECENT and interesting development in modern pewter is a smoking set consisting of a round, shallow tray, a cup for cigarettes, another for matches, an ash receiver and an alcohol lighter. This comes in both the dull and polished finish, and may be obtained at the Can-Dle-Lux Shop.

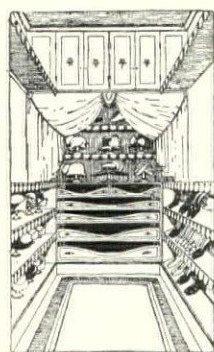
Another novelty for smokers, seen at the same shop, is a glass jar of cigarette height, of which the cover, when removed, becomes an acceptable ash-tray. The jar holds thirty cigarettes and comes in all colors, including amber, ruby and green.



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Designer of  
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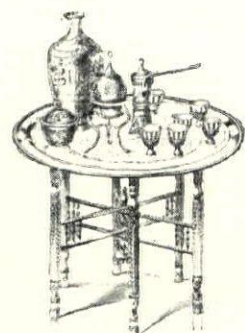
CAST AT THE FOUNDRY OF

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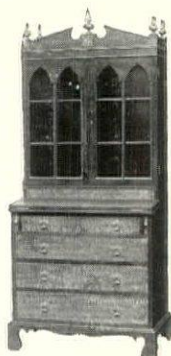
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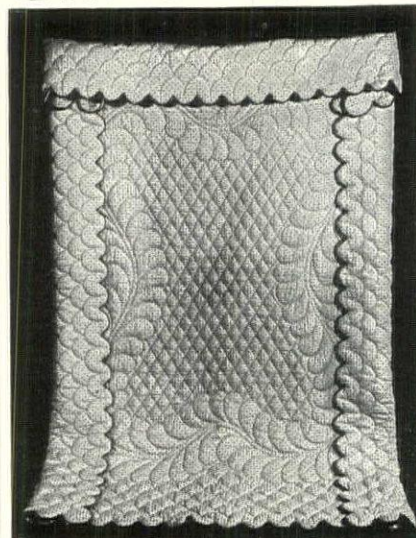
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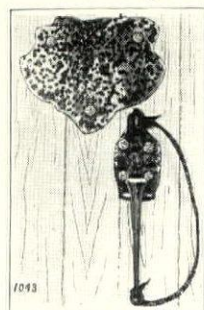
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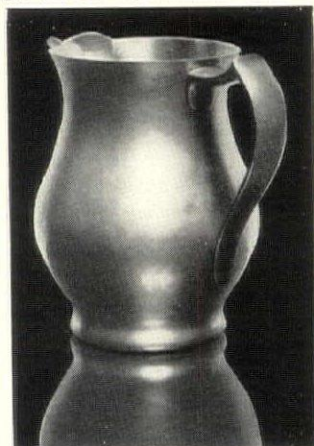


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CERAMIC art in this country has in recent years progressed so rapidly as to justify the establishment of a center, under the name of The Potters' Shop, Inc., for the exhibition and sale of American handmade pottery. Here is gathered together the best work of the leading producers throughout the United States, constantly changing one-man exhibits affording a closer public acquaintance with the national development of this ancient art. The work of Professor Charles Binns has already been displayed, as has that of Carl Walters, Henry Varnum Poor, Mrs. Dorothea Warren O'Hara and the Greenwich House Potters. Representative pieces from each group are retained as permanent exhibits.



During the last week in January and the first week in February, the glazed pottery animals of Mrs. Margaret Lawson Nison will be exhibited. The featured potter in the February-March display will be Mrs. Susan W. Tyler, whose exhibit will be followed shortly before Easter by another of the work of the Greenwich House Potters. Further announcements will be made in a later issue of HOUSE & GARDEN.



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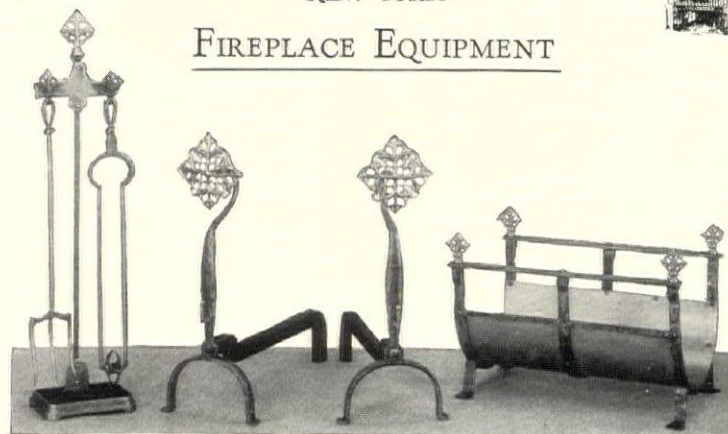
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Hand Forged Andirons, Fireset and Wood Holder in antique steel with brass mountings. Specially priced at \$90.00 complete

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BAG

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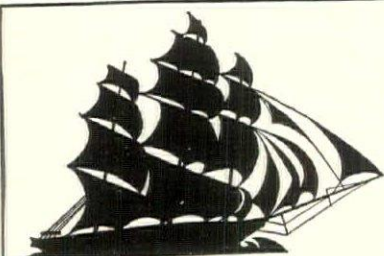
CATALOGS

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# DIRECTORY of DECORATION & FINE ARTS



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ESPECIALLY DESIGNED BY  
John Held Jr.

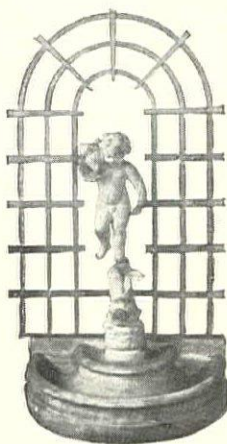
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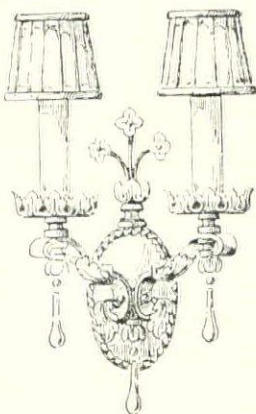
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HOMES WHERE THEY ARE NOW  
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LUMINIER COMPANY Inc.  
577 Broadway New York

Maude Robinson, who supervises ceramics at Greenwich House and who is herself a potter of note, has contributed to the Potter's Shop collection a few choice specimens of her beautifully finished vessels. The current display includes also several fine examples of the work of the Inwood Potters, a group of vases by Professor Binns, held over from his exhibition, a collection of engaging animal figures from the exhibit of Carl Walters' work, and several modernist designs by Henry Varnum Poor. A wall fountain by Mrs. George Nichols, depicting two cocks in glazed Persian blue against a rough gray background, is particularly worthy of note. Another wall pocket by Mrs. Tyler matches the first in color, and is delicately carved in a graceful bird design. Jars for interior and garden decoration, lamp bases, bowls, ivy pots, plaques, tiles and pottery pieces of all kinds and by potters too numerous to name individually may be seen now at the shop. Orders for special work are taken.

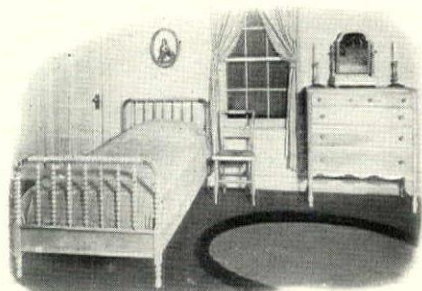


WHEN a living room window looks out upon a gloomy court or frames a view of stark and empty house tops, there is only one thing to be done about it; make the window decoration so striking, so unusual, that the eye of the observer stops right there. This may be accomplished by placing glass shelves across the

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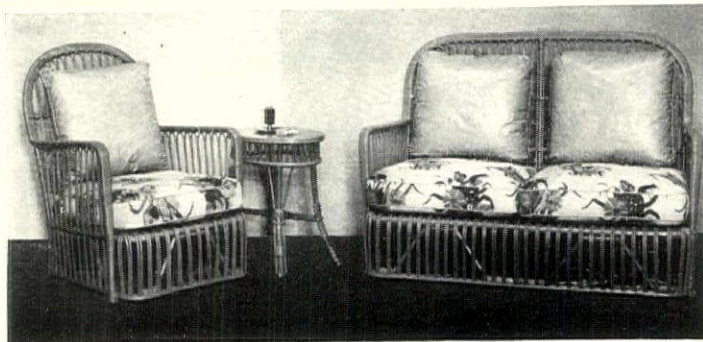
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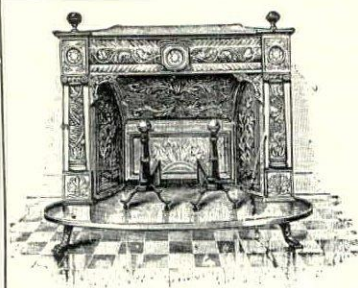
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No. 108, Scotch Terrier. No. 112, Social Cat. 10 inches high. Other Copyrighted designs.

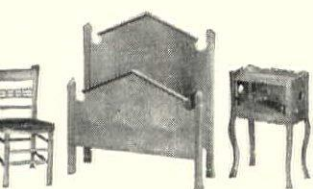
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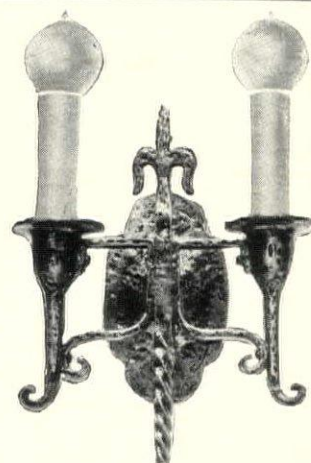
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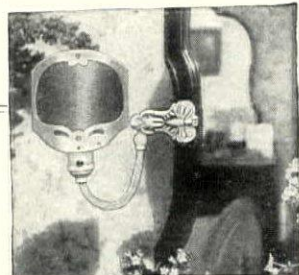
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and painted in contrasting colors to harmonize with its surroundings, is equally suitable for an apartment foyer or the upstairs hall of a country house. A shelf just under the top of the table houses the unsightly but indispensable directory, and a pencil attached to a pull-cord that snaps it back into place after use contributes a final and completing touch of efficiency. Such a set should be a simple task for the local carpenter.



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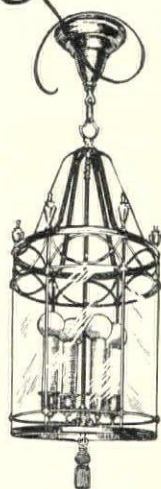


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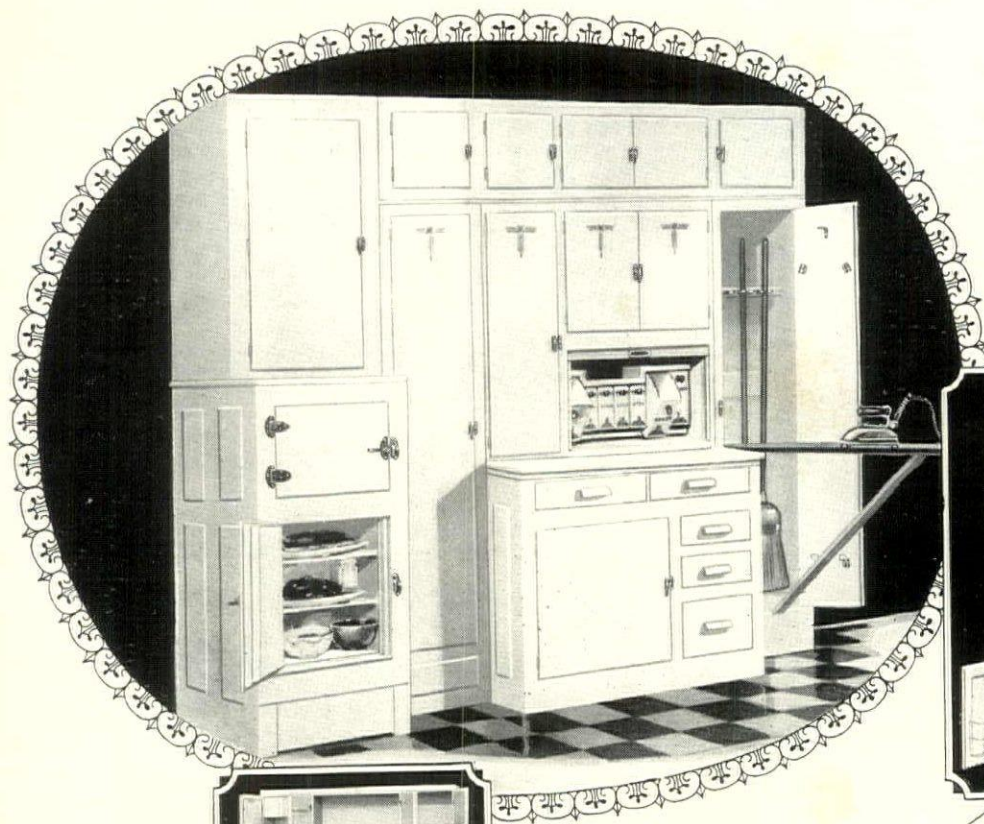
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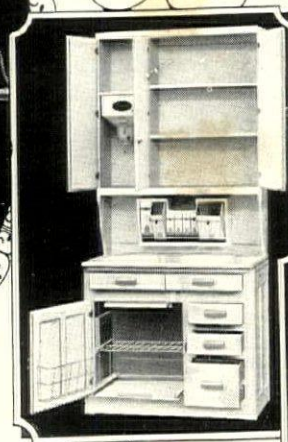
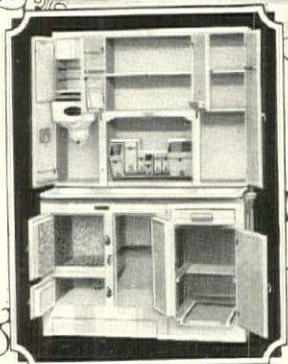
# KITCHEN MAID

## STANDARD KITCHEN UNITS

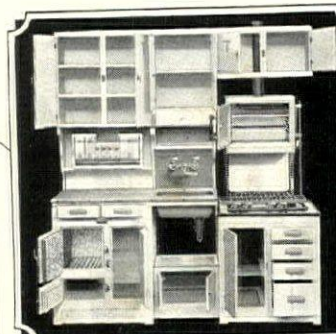


Combination of six distinct  
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Compact No. 656  
for the modern  
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Kitchen Cabinets  
for every type of  
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Kitchenette assemblage including  
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The Butlery—for service halls and large kitchens  
Combinations afford great elasticity

## The Unit Idea has brought a marvelous change in kitchen

You'll enjoy every day—you'll love your home more—from the moment you plan your kitchen on the Unit Idea.

Choose the particular Kitchen Maid Units you need. Group them on one wall or separate them in different parts of the kitchen. Each unit is complete in itself—can be used alone or in any combination you wish.

Units will save you hours of time—because domestic science experts helped design them—because specialists in kitchen equipment built them.

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They will make your kitchen an easy room to keep clean—because Kitchen Maid Units have sanitary rounded inside corners and smooth panel doors.

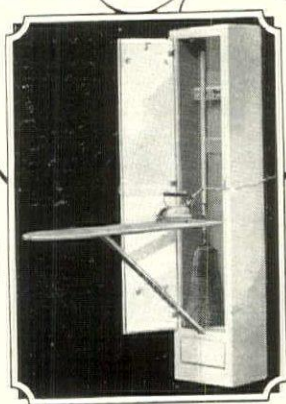
With all their beauty and convenience, Kitchen Maid Units cost no more than old-fashioned cupboards. Ask your architect about them. This page shows only a few of the many charming Kitchen Maid Units. Write for catalogue which shows and describes them all.

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Cupboards for  
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Broom Closet and  
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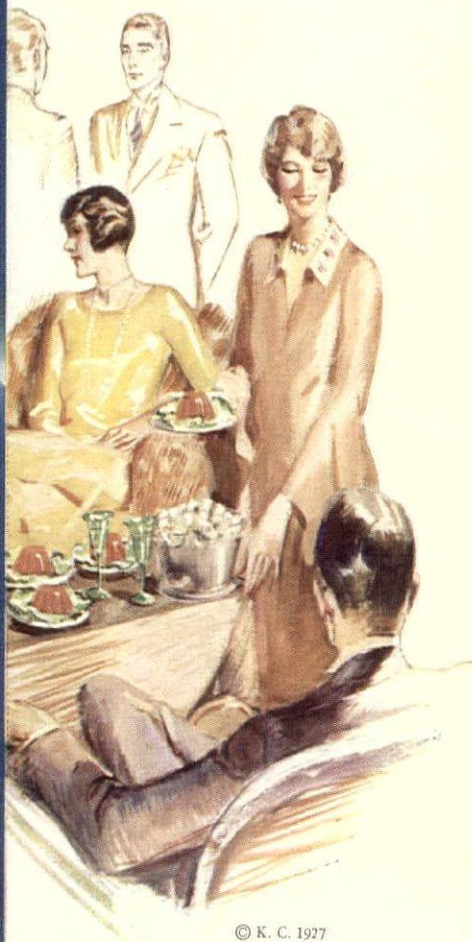
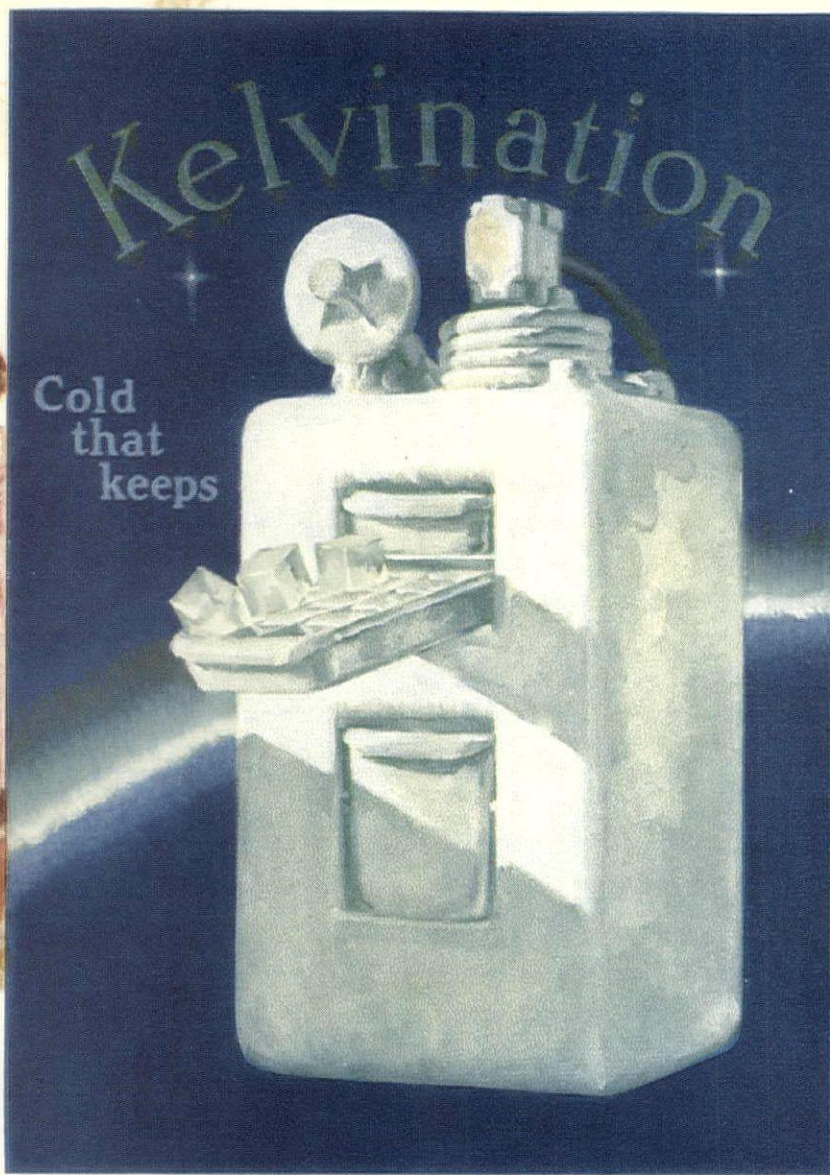
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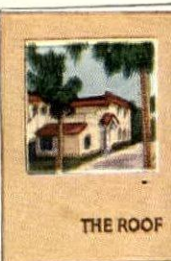
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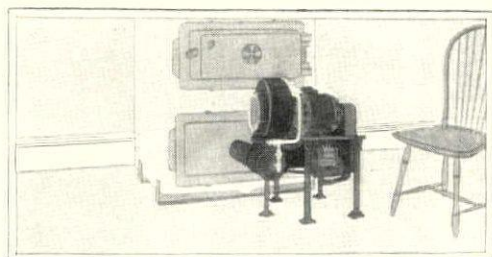




The home of W. S. Ferguson, Esq., Lake Shore Drive, Cleveland, Ohio. Mr. Ferguson, whose home is equipped with a Quiet May, is a widely known architect and Director of Public Service of Cleveland.

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The Quiet May is safe. It is listed as standard by the National Board of Fire Underwriters. It is economical, being approved to burn all grades of home-heating fuel oils. It is simple—sturdy. It is made only of the finest materials, which guarantee years of satisfactory service.

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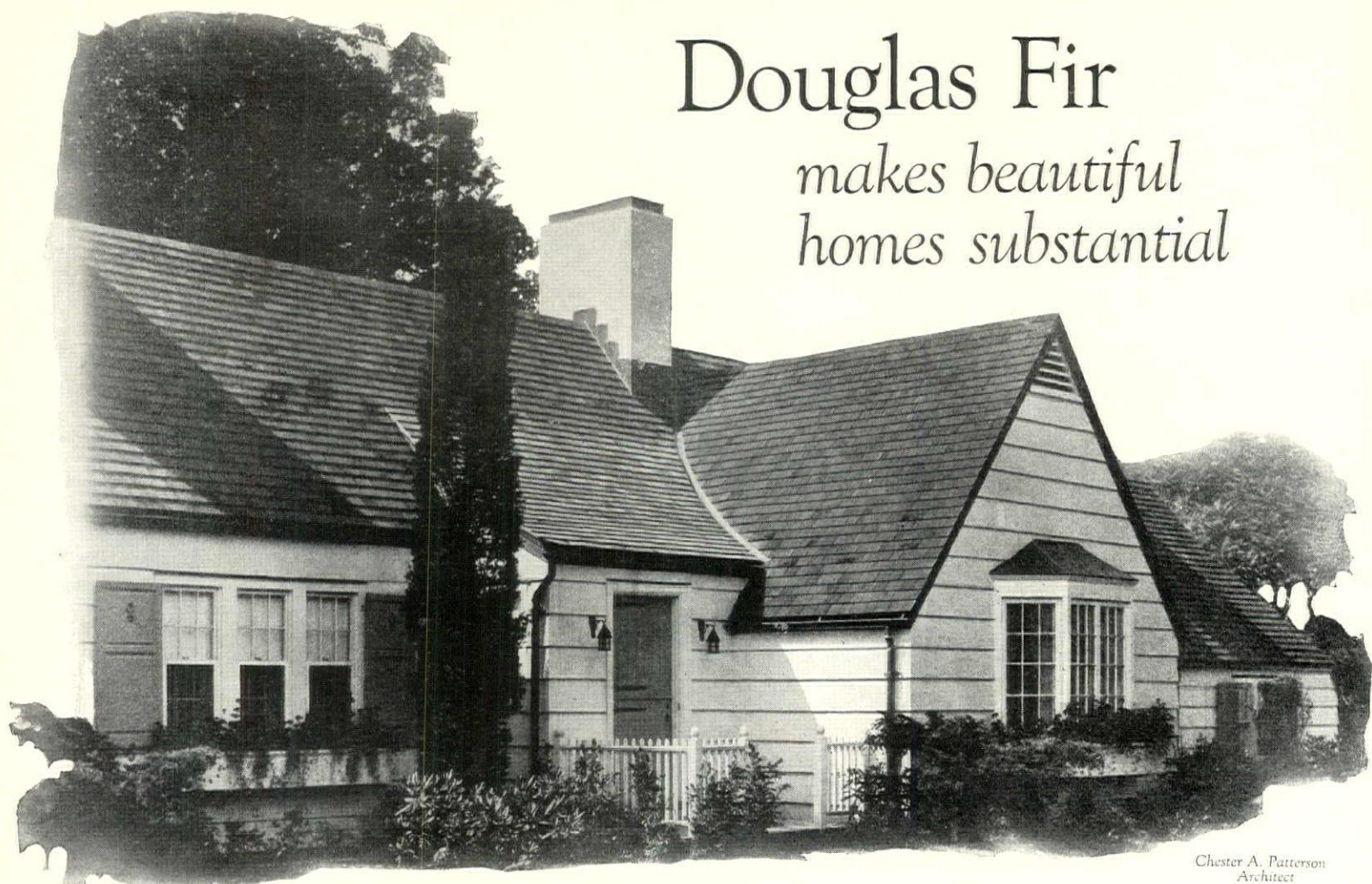
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*makes beautiful  
homes substantial*



Chester A. Patterson  
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*Durable*  
**Douglas Fir**  
*America's Permanent  
Lumber Supply*



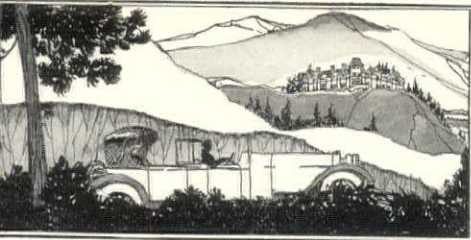
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Released by the sunshine that follows logging, countless millions of seedlings each year spring up from the Douglas Fir seed stored in the deep rich soil of the forest floor.

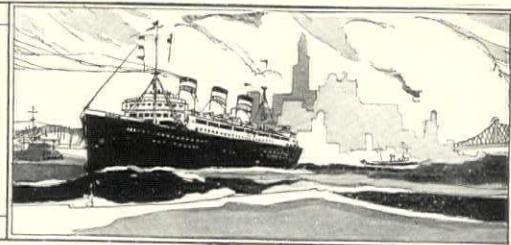
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## WHY IS WINTER Anyway?

SNOW . . . thaw . . . galoshes. Coal bills . . . ten for dinner . . . dismissed the cook. . . . One cold here and its brother on the way. Nothing in the shops . . . nothing in the theatre . . . nothing anywhere that's worth anything. . . .

What's the use of Winter?

Climb on a train—hop a boat—and let the clock have it out with the thermometer. Slide into sunshine, blessed sunshine—with blue water all around the edges . . . to sail on . . . to swim in . . . and green grass to shoot golf on . . . hard courts for tennis. . . . Dine and dance in the smart new places. Wear next summer's clothes while they're still new enough to be wonderful.

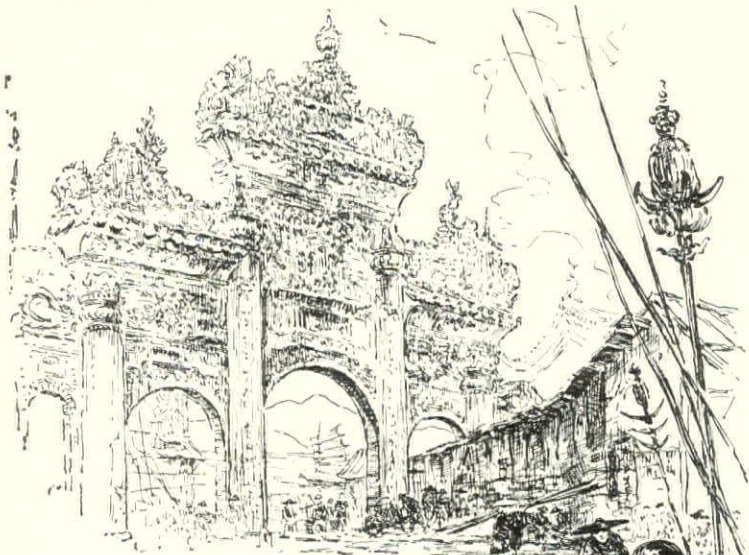
Which shall it be, the Pacific Coast, Florida, abroad?

Hurry! Hurry! Decide now and dodge that chill!

*These pages will help you  
make up your mind. They will tell you how to go,  
where you want to go and where to  
stay when you get there*



"The Shortest Route to the Orient"



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Bronze Buddha at Hyogo near Kobe

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**including Honolulu,  
Yokohama and Kobe  
Palatial President  
Liners**

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Discover for yourself the rare products of the bazars and shops. Ivories, laces and jade; rich silks and bright brass, lacquers and cloisonne.

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**The Sunshine Belt to the Orient"**



## *W***EKKLY** **EXPRESS SERVICE** *to* **ENGLAND and FRANCE** *via "The Longest Gangplank* *in the World"*

*The New ILE de FRANCE*—flagship of the French Line—commissioned early in the summer. Proud—magnificent—she is the spirit of France itself. French to her very mast tips—the wondrous splendour of the decorations—the luxury of the cabins—the service with a courtier air—those lavish little shops. And the gaiety—the verve of life aboard—the smart cosmopolitan throng—so wholly French—a bit of Paris, already! Let her take you to France—one of her first trips. Now—with the de Luxe Liners Paris and France—a Weekly Express Service will begin between New York, Plymouth, England, and Havre, the port of Paris.

### *Sailing Every Saturday*

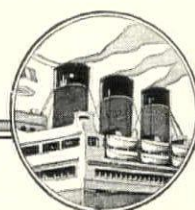
At Havre—no long drawn out train ride—a dash through lovely mellow Normandy—Rouen, of the spires and Jeanne d'Arc legends—three swift hours—then Paris—la Ville Lumiere of incomparable beauties and gayeties—and the starting point to all the capitals and playgrounds of Europe.

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*Our illustrated booklets are a trip in themselves*





"Bellas Sevillanas"

## ANNOUNCING THE OPENING OF THE Hotel Lincoln Havana, Cuba

THIS new and altogether modern fireproof hotel offers a select clientele its Spanish hospitality. Its every room breathes the charm and quiet dignity that symbolizes Havana.

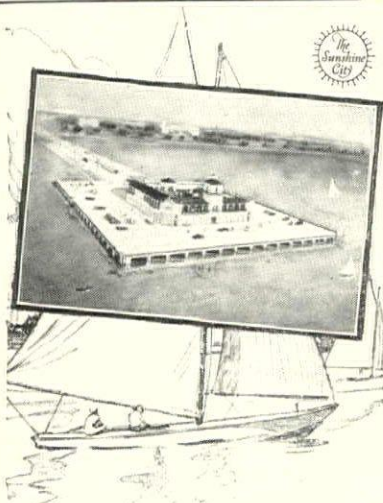
The first hotel in Havana with the conveniences of running ice-water in each room; filtered and sterilized. Scientifically softened water in each bath. 200 individually decorated rooms, solid mahogany furniture. Each room with bath.

Golf course available, near shopping district and centres of historic and scenic interest. Beautiful view of Morro Castle and the Gulf of Mexico.

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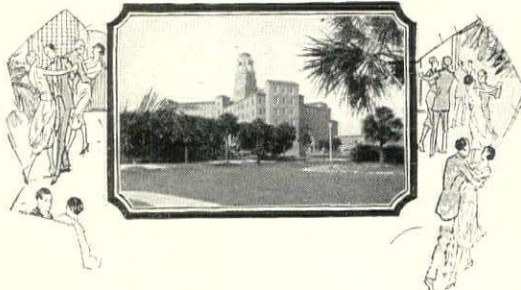
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WEST PALM BEACH,  
FLORIDA



Booklet to:

Name \_\_\_\_\_ Address \_\_\_\_\_



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**Vinoy Park Hotel**  
On Tampa Bay  
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This beautiful new hotel is completely surrounded by famous studios, new theatres, golf courses, drives and beaches. The best time you ever had and the most reasonable, awaits you.

Write us for booklet describing Hollywood rates etc.—or wire us for reservations.

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**DURING** the early months of the year, hundreds of gorgeous plants, shrubs, and trees steadily increase blossom wealth, culminating in magnificent floral displays of May and June.

to Hawaii now where you'll do what you've never done before—you'll see volcanic formations, geysers—(native temples of worship)—fish for dolphin in a sampan, wild goat and wild pig, and wander down grassy slopes on "ti". Where you'll rest, relax and enjoy every modern sport and amusement.

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Best lane of ocean travel on the Pacific)

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**City of Los Angeles**—largest and most luxurious class passenger liner in the regular Hawaiian fleet—22,500 tons displacement. Deluxe suites and staterooms—(large number with beds and private connecting baths), open and enclosed promenade swimming pool, gymnasium, children's playroom, tea-room, garden lounge and magnificent open.

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Three weeks time—Los Angeles back to Los  
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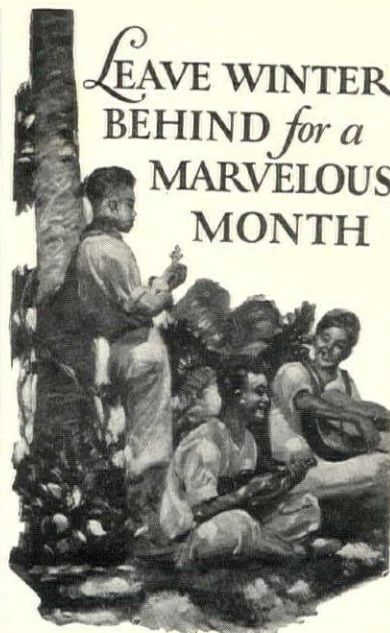
**ART CRAFTS GUILD  
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**FREE  
TOUR  
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## ART CRAFTS GUILD Collegiate Tours

**LEAVE WINTER  
BEHIND for a  
MARVELOUS  
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**NOW**, in the dead of winter, brown-skinned boys are climbing trees for coconuts, bananas, breadfruit—flying-fish soar between bluesky and bluer waves—ginger-flowers scent the dusk as you sit on your hotel lanai—the lilt of a soft Hawaiian song drifts over the hibiscus hedge. *You're in Hawaii!*

It's winter—but this morning your barefoot caddie followed a shining drive that went straight through a rainbow arching over the fairway!

**So Easy to Go!**

You can be in beautiful Hawaii in five or six days' sailing—in no more time than it takes to cross the Atlantic. Your local railroad, steamship or tourist agent will book you direct from home. And you're still in the U.S.A.; Americans don't need passports.

**Inexpensive**

The cost of first-class steamer fares for the round trip from the Coast, all expenses for two weeks at Hawaii's wonderful hotels (two new steamships and new hotel accommodations now being completed), sightseeing everywhere, a tour of Hawaii's Volcanic National Park including steamer and motor trip and all incidentals, need be no more than \$400 to \$500. You can make it for even less.

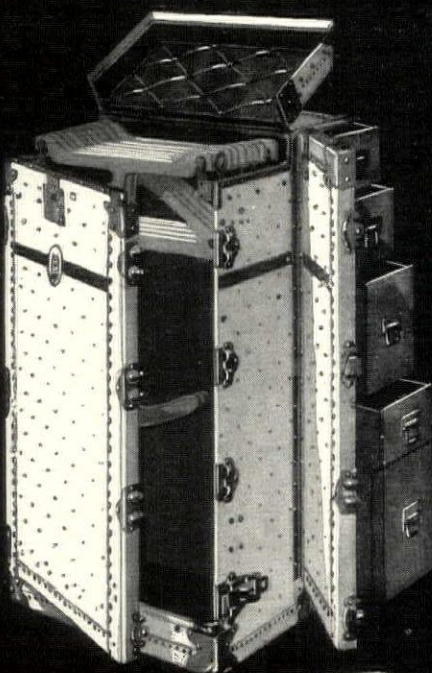
Ask your agent about it now, and send today for illustrated colored booklet on Hawaii.

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**Hawaii**  
*The World's  
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WARDROBE**  
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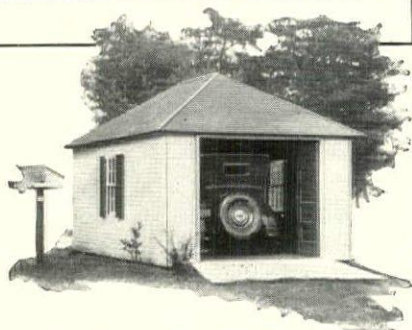
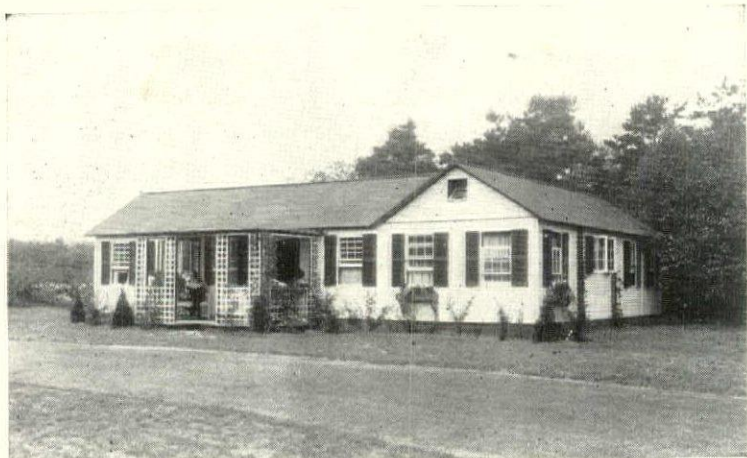
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So WRITES the owner of a Hodgson Portable House situated on the coast of Labrador. He continues: "The house stands on a little rocky eminence about 120 ft. above the harbor. There is high land on the north side of the harbor and the most terrific gusts come from off this when a gale blows. No harder tests are possible than some of those which this house has withstood during the past six years."

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"My Hodgson Portable Cottage went through the terrible hurricane of September 17th and 18th without any damage of any kind, and nothing in it was hurt. The clothing and beds and all furniture were entirely dry after the storm, indicating that no water leaked in. I know of no more severe test to which a structure would be put to, than this hurricane—the worst in the history of this state. The cottage was entirely exposed without any wind breaks to protect or shield it."

Truly, here is convincing proof of the strength and durability of Hodgson Portable Houses, and the sturdiness of these houses is even more remarkable when you realize that they may be erected in a few days with unskilled labor. Hodgson houses are shipped to you in carefully finished sections which may be quickly and easily bolted together.

There are Hodgson Portable Houses of every size and for every purpose. Our new illustrated catalog gives prices and complete information regarding Hodgson cottages, play houses, garages, dog kennels, poultry houses, bird houses, etc. Write for catalog G today.

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## HODGSON *Portable* HOUSES

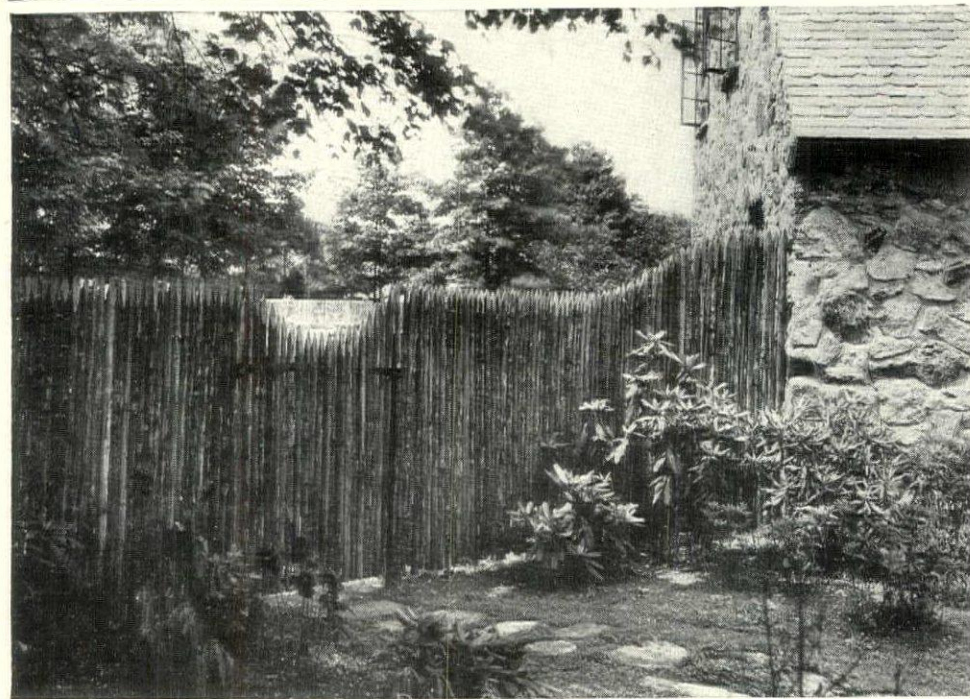
## This Fence Keeps a Garden *private*

*M*ORE and more it is becoming the custom in this country, as it is in France and England, to put a frame around one's garden which will serve not only to keep outsiders from staring in, but also as a background for flowers and shrubbery.

Nothing is so admirably suited for this tender task as Dubois Woven Wood Fence. It is made of split, live, young chestnut saplings, woven closely together, and is brought over from France where its use among owners of both large estates and country maisonnettes is an equally cherished tradition.

Dubois is exceedingly durable, requiring no painting or upkeep expense. It is easy to erect and moderate in cost.

*There are hundreds of applications for Dubois. Here it is used to screen the service entrance of a suburban-type home. In many instances it is used as the boundary of a large estate to prevent trespassing.*



*It blends as readily with any type of architecture as fine old shade trees.*

Dubois comes in sections 5 feet long, in two heights, 4' 11" and 6' 6". It can also be made up into gates of quaint design. It is one of many charming, rustic fences imported from abroad by Robert C. Reeves Co., 187 Water Street, New York.

Robert C. Reeves Company, 187 Water St., New York  
Please send, without obligation, your portfolio of Dubois illustrations, with list of many prominent users.

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City \_\_\_\_\_

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21

## DUBOIS Woven Wood Fence

Made in France



# Colorful Beauty Built Into Roofs and Sidewalls

**T**RUE color values that endure should permeate and enhance the very texture of the building material used.

Whether yours is to be a new or a modernized old home, genuine WEATHERBEST Stained Shingles assure truly delightful effects. The 100% edge grain, red cedar shingles are a true natural building material.

Let us send you the Portfolio of Color Photogravures showing the use of WEATHERBEST Stained Shingles on sidewalls and roofs. We will also include a color chart and booklet which explains how WEATHERBEST Stained Shingles can be laid over old sidewalls and harmonize with a new WEATHERBEST Stained Shingle roof to give an old house added value and save repainting expense. WEATHERBEST STAINED SHINGLE CO., Inc., 913 Island Street, North Tonawanda, N. Y. Western Plant—St. Paul, Minn. Distributing Warehouses in Leading Centers.

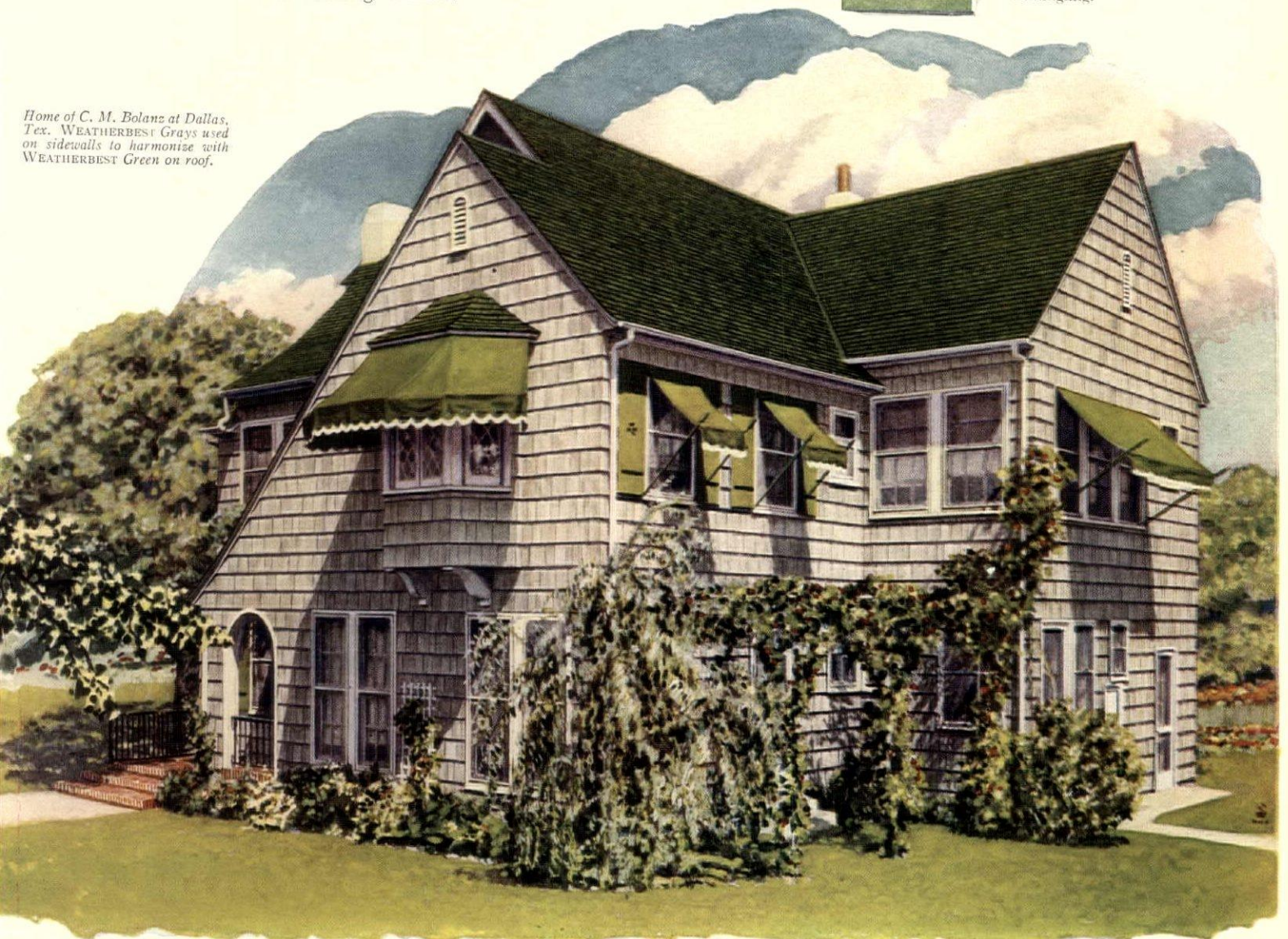
The colors are of pure pigments preserved and carried into the fibres of the wood with linseed oil.

WEATHERBEST Stained Shingles, particularly for sidewalls, cost less than other sidewall material—not only in first cost but in the saving of frequent repainting. A WEATHERBEST Stained Shingle roof of a color to harmonize with the sidewalls, laid with zinc coated nails, will give a lifetime of service.



If you have an old home send for our booklet "Making Old Houses into Charming Homes" and ask for details covering \$2750 Prize Contest for 39 best examples of remodeling and reshingling.

Home of C. M. Bolanz at Dallas, Tex. WEATHERBEST Grays used on sidewalls to harmonize with WEATHERBEST Green on roof.



**Weatherbest**  
**STAINED SHINGLES**  
FOR ROOFS AND SIDE-WALLS

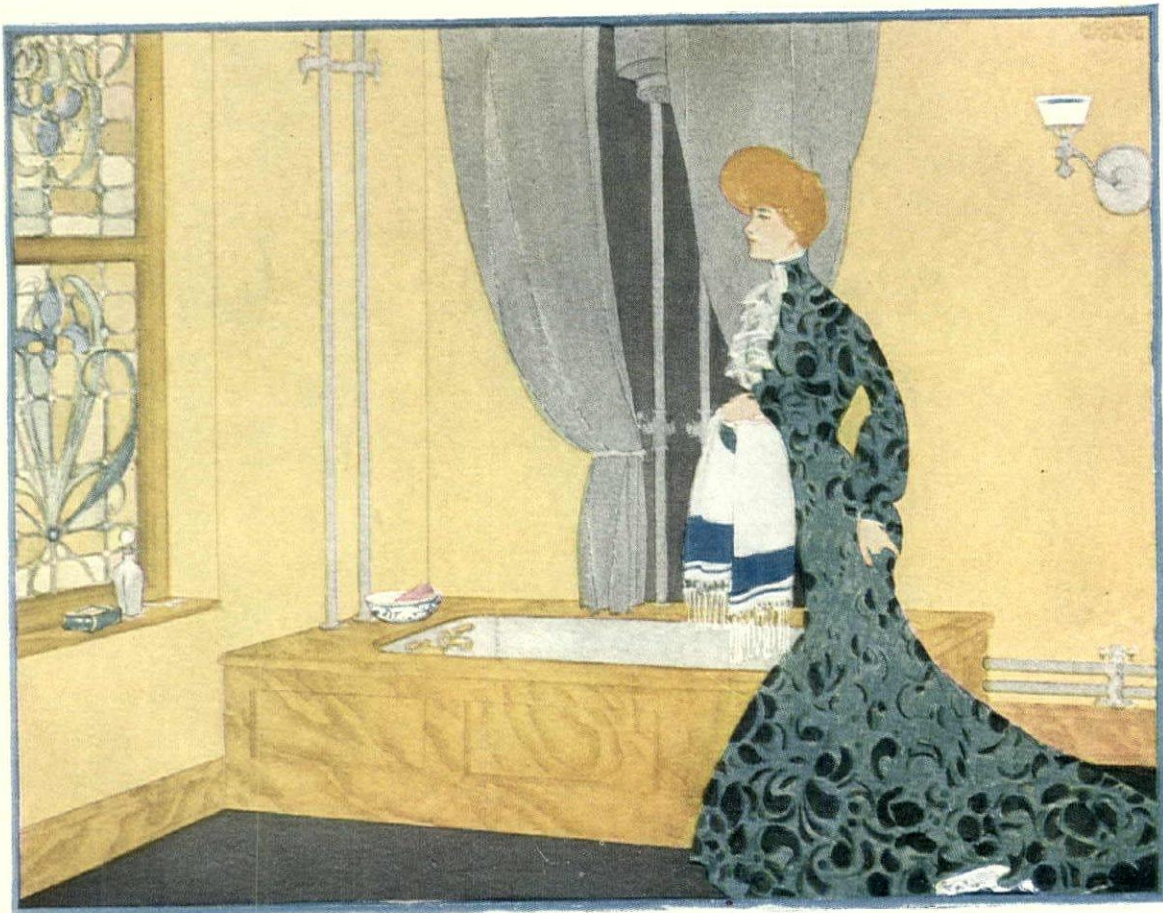
WEATHERBEST STAINED SHINGLE CO., Inc.  
913 Island Street, North Tonawanda, N. Y.

Please send ☐ WEATHERBEST Color Chart, ☐ Portfolio of Color Photogravures showing WEATHERBEST Stained Shingles for Sidewalls and Roofs, ☐ Book on Modernizing and Reshingling with details of \$2750 Prize Contest.

Name.....

Address.....





A GENERATION AGO, people figured it economy to use iron or steel pipe. Perhaps it was. Anyway, everything was on that scale. Tubs were tin. Basins were enclosed in make-believe oak. When periodical rust-leaks came, what of it? The pipes ran exposed. It was easy to repair them. And plumbers received only \$4 a day.

Today, everything is on another scale. Bathrooms are \$1000 installations. Plumbers run piping concealed. Their responsibilities have

tripled, and so have their wages. Is it still economy to use temporary iron and steel piping? Brass is the modern piping. It is permanent. It is the only safe material to trust behind your beautiful, expensive walls.

Since the objective is safety, why not go the limit? ALPHA contains more copper. You would expect it to cost more. It doesn't. Specify ALPHA BRASS PIPE by name. Developed and made in the great modern mills of THE CHASE COMPANIES, Incorporated, at Waterbury, Conn.

# ALPHA Brass pipe

contains more copper



Ritter Appalachian Oak Flooring, strip pattern, as used in the home of C. Melvin Frank, Columbus, Ohio



Living room in beautiful home of C. Melvin Frank, architect and builder, Columbus, Ohio



Residence of C. Melvin Frank, architect and builder of fine homes, Columbus, Ohio

## The Secret of Beautiful Oak Floors is in Slow Timber Growth

THE fine grain, even texture and color harmony which make Appalachian Oak such a superior material for flooring purposes are due to the slow growth under ideal conditions of soil, climate and drainage in the Appalachian Highlands.

All Ritter Oak Flooring is produced exclusively from Appalachian Highland Oak and is manufactured entirely in our own mills. You can readily identify it by the name "W. M. Ritter Lbr. Co." impressed on the back of each piece.

Show this advertisement to the person or persons responsible for your new or remodeled home and insist that Ritter Appalachian Oak Flooring be used. The small difference in initial cost is more than offset by the increased ease and economy with which it can be laid and by the greater beauty of the finished floors.

*Note — The same excellent qualities which enhance the beauty of Ritter Appalachian Oak Flooring also make Ritter Appalachian Oak Lumber superior for interior trim.*

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If you go away, you'll want to read about log cabins, little houses by sea and hill, big estates for those who can live up to them; they're all here. If you stay home, you'll want to know how to give your town house, your city apartment, the mood of summer. That's told, too, beautifully, practically.

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June

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### Small House Number

July

Here's where we shut the covers first against the plutocrat and talk to the rest of us, who want the nicest house for the least money—plans, pictures, articles, discussion. The whole issue of Castles in Spain come true . . . Nobody who plans to build can do without it; nobody'd want to—certainly not you.

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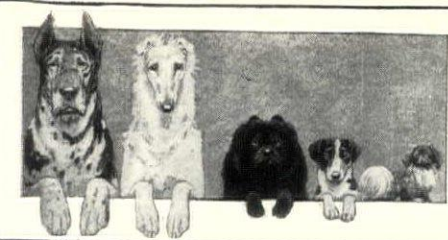
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## DANGER AND THE DOG

By ROBERT S. LEMMON

*Specific questions on dog subjects will gladly be answered by The Dog Mart of House & Garden. We do not sell dogs or issue any price list, but are always ready to suggest reliable kennels where purchases may be made*

PERHAPS it is because his general intelligence is of such a high order that many people seem to consider a dog capable of avoiding danger by his own foresight and effort; perhaps this attitude is the result merely of indifference and not at all of conscious thought one way or the other. Whatever the cause, the result is the same: an appalling number of otherwise well cared for dogs that are allowed to run unwarned into all manner of grave perils. Specifically, I have in mind the peril of the motor car to the unsupervised dog. One has but to drive with some frequency along a residential city street or country highway to encounter incidents which prove the prevalence of an owner attitude which is nothing short of rank negligence. The dog that is car-wise and capable always of keeping out of the way of motor traffic attains his ability through more or less painful experience. If he is struck and is fortunate enough to recover he may thereafter be so wary of cars that he will not get caught again—or he may not! Only in such a way can he come to a realization of the peril that lies in the passage of even the smallest auto, for I do not believe that a dog's brain is capable of consciously grasping this particular danger when he has never personally encountered it. Certain things he may fear by instinct, but the motor is not one of them.

It is the obvious duty of his owner, therefore, to take every due precaution to protect him. The crossing of a busy street, the tramping along a highway where cars pass frequently—even the leisurely stroll along a city pavement where the appearance of a cat or another dog on the far side may provoke an unexpected canine dash into the roadway—should be accomplished always with one's pet leashed. At all times the approach of a car should be the signal to see that one's dog is safely out of the way and so remains. To exercise such precaution is no trouble and quickly becomes automatic with the owner who really cares. To omit it is very frequently the direct cause of a maimed or fatally injured dog.

(Continued on page 52)

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## THE DOG MART

(Continued from page 51)



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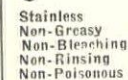
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It is not with any desire to be termed an alarmist that I emphasize this whole matter of protecting a dog against risks of which he has no conception. The need, and the failure to heed it, are by no means restricted to motor traffic. They are found in many other situations, two of which come to mind with particular clearness because of the frequency with which they are encountered during the warm months of the year.

The dog that is fond of swimming is frequently urged by his unthinking master to go into water that is distinctly dangerous. The risks that confront a dog swimming in swiftly flowing, treacherous streams are fully as great as a human being finds in similar waters; greater, indeed, because an inexperienced dog rarely realizes the power of whirlpools and rapids until he is within their grasp, whereas a man foresees them.

Again, swimming in weed-grown waters is particularly dangerous to a dog, even a powerful one. Any four-legged animal is so constituted that he can swim only when his body is practically horizontal. Let anything occur to interfere with this normal position, and there's trouble right away. Once a dog's body approaches a vertical position in the water, he will splash frantically to recover his equilibrium. He's thrown out of gear, out of control, and nine times in ten he starts to sink. When that happens he loses his head, and unless help is very close at hand he'll drown.

This is the situation which swimming in entangling weeds is almost certain to bring about with the average dog, entirely without premonition on the swimmer's part. Guard against it carefully. Indeed, whenever you see a dog begin to splash futilely with his front feet, even in unobstructed water, stand ready to help him, for he may need assistance very badly indeed.

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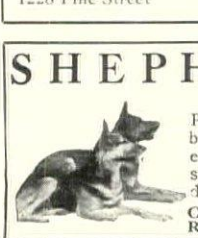


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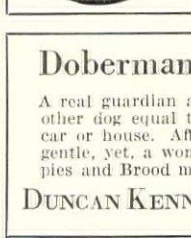
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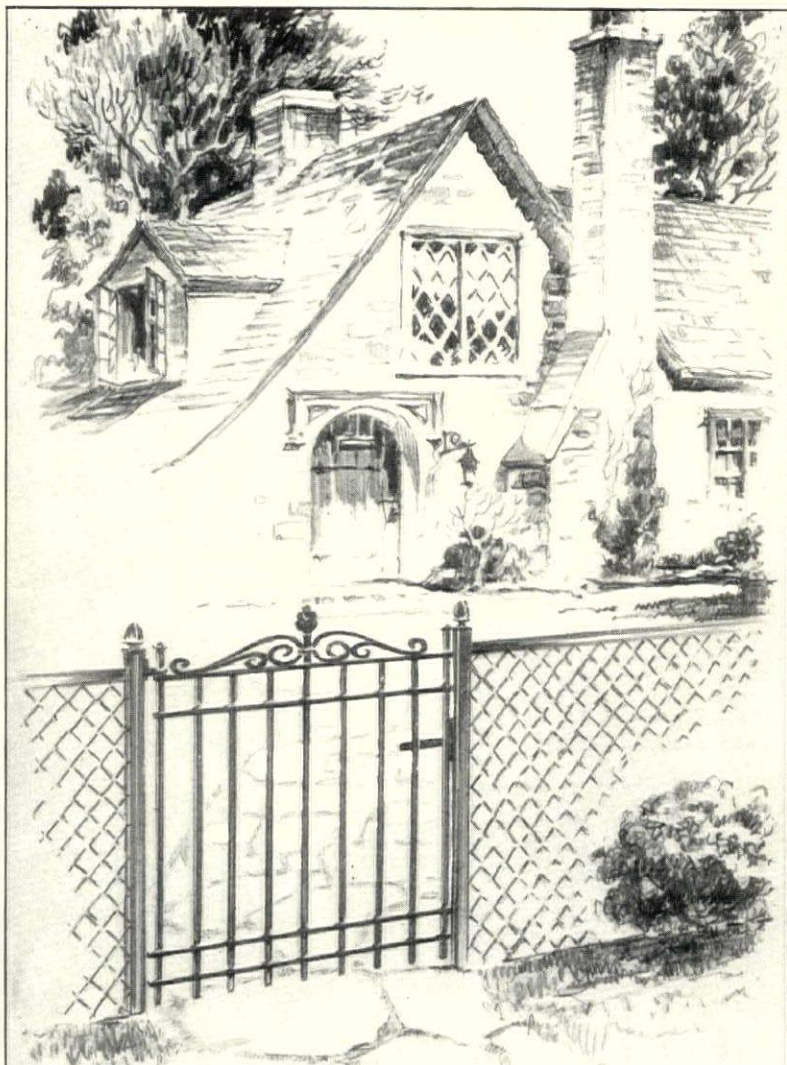
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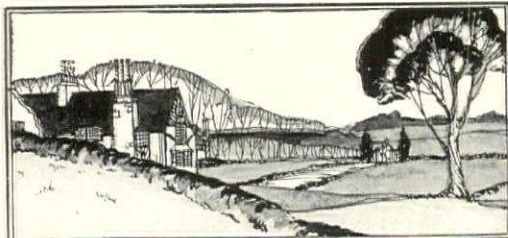
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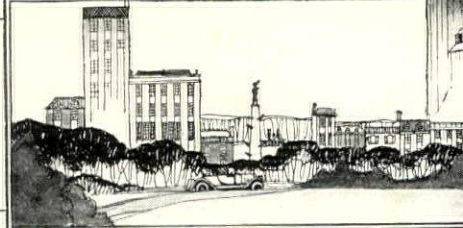
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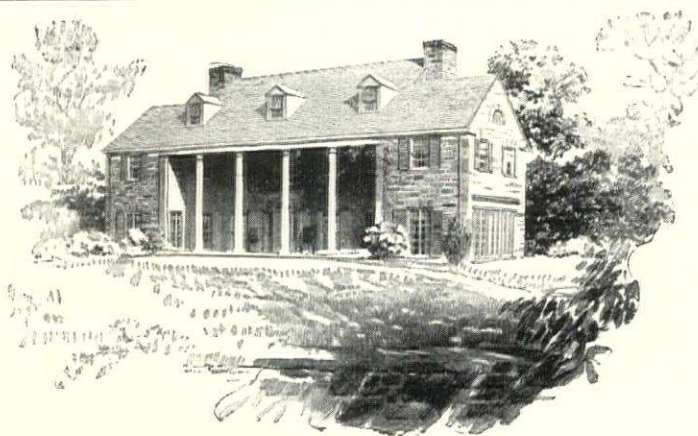
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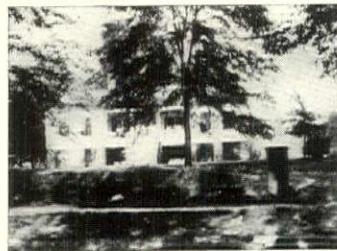
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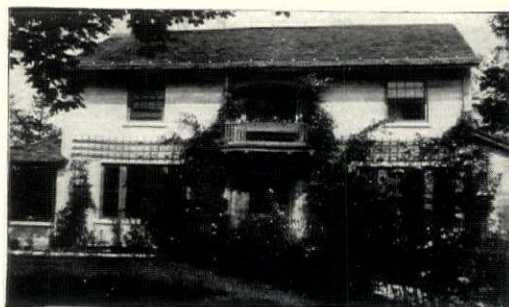
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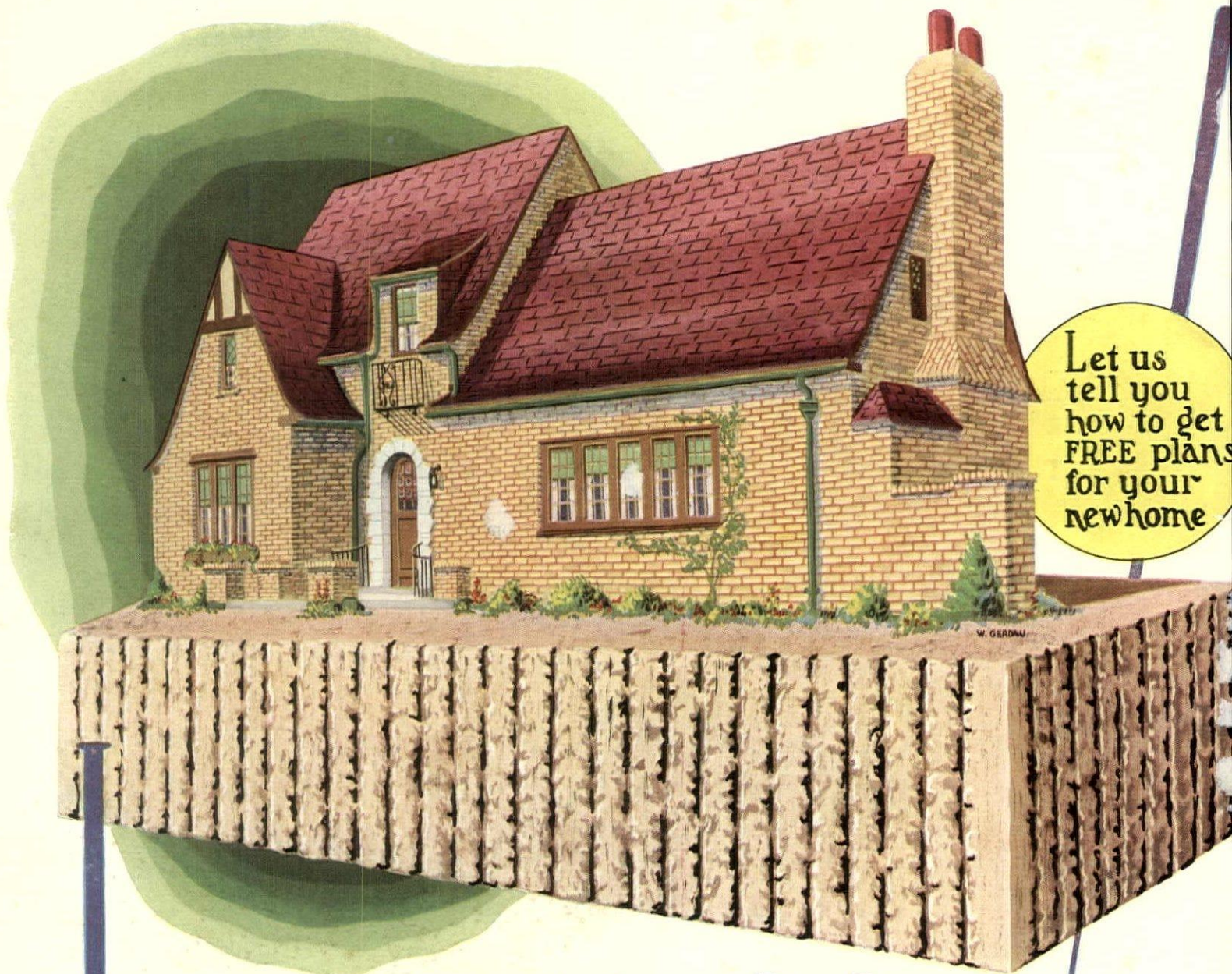


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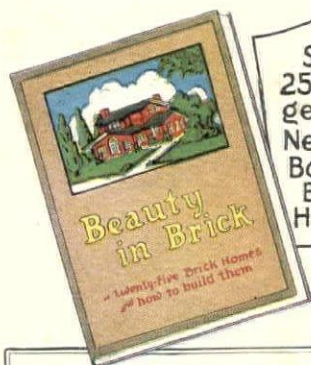
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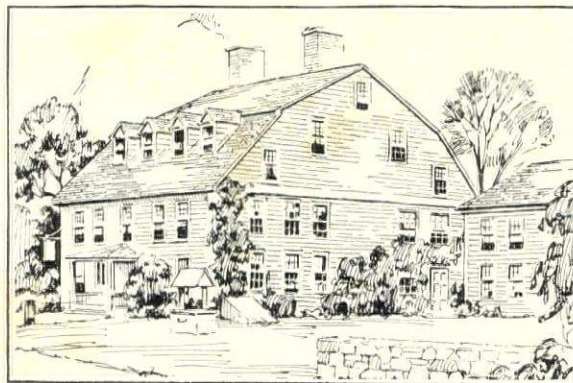
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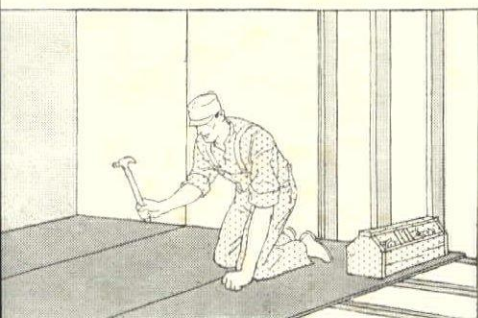
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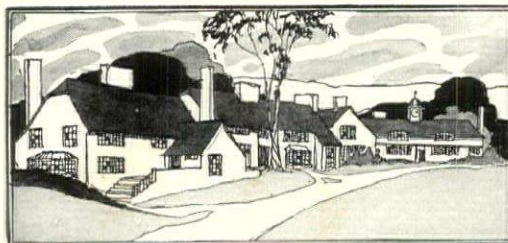
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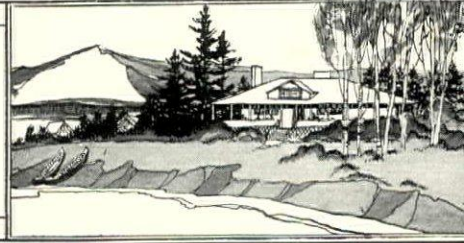


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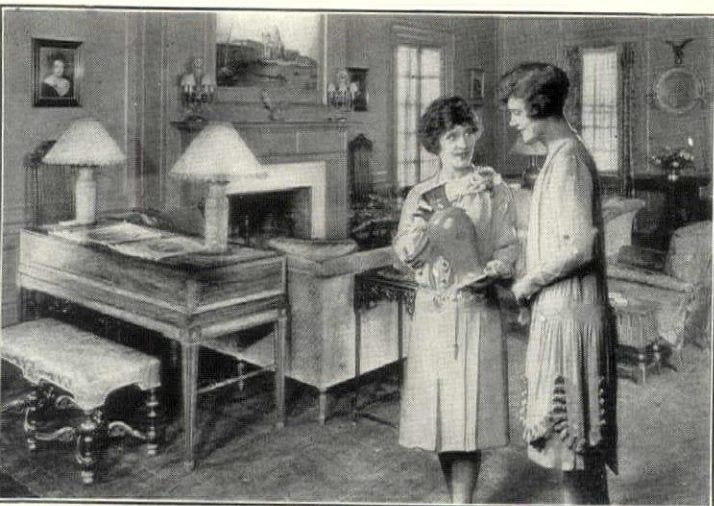
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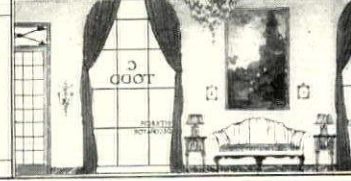
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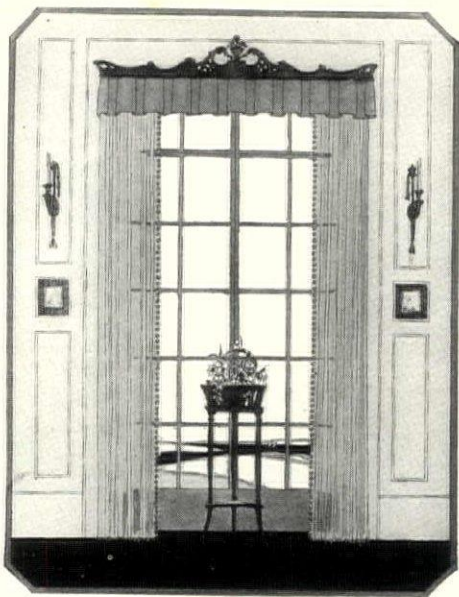
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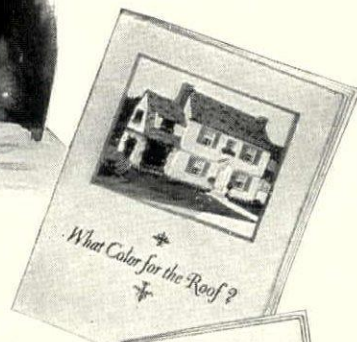
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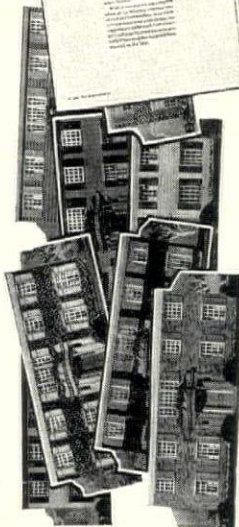
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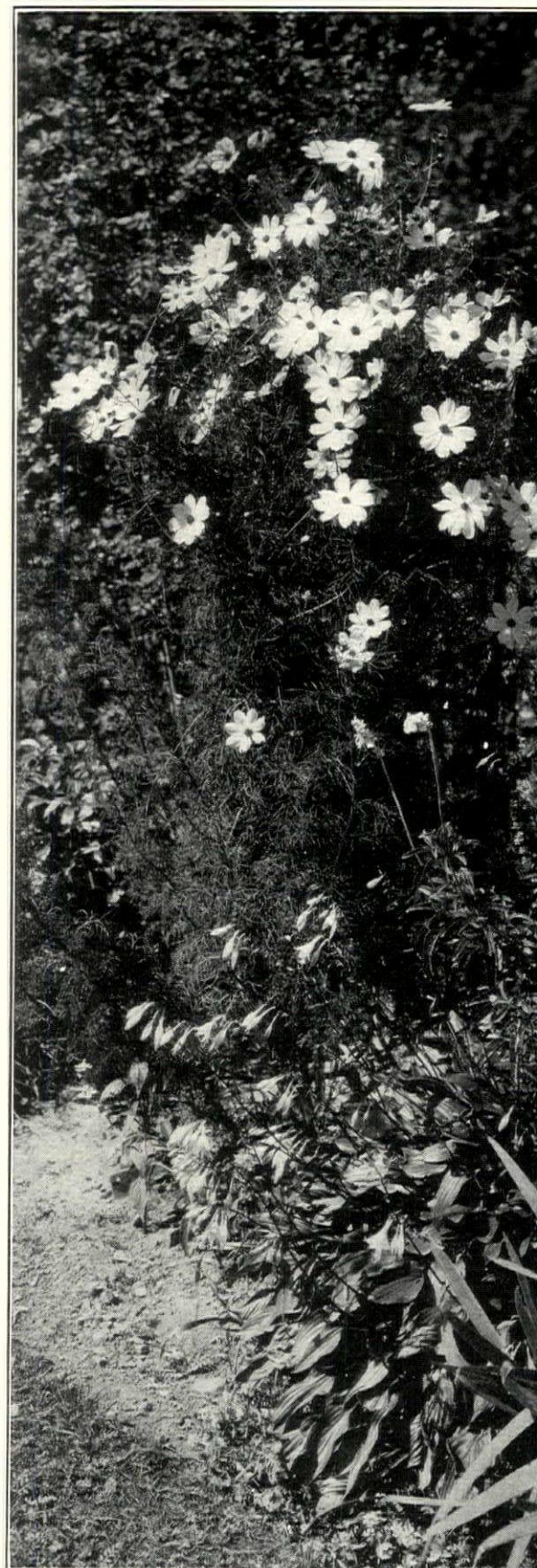
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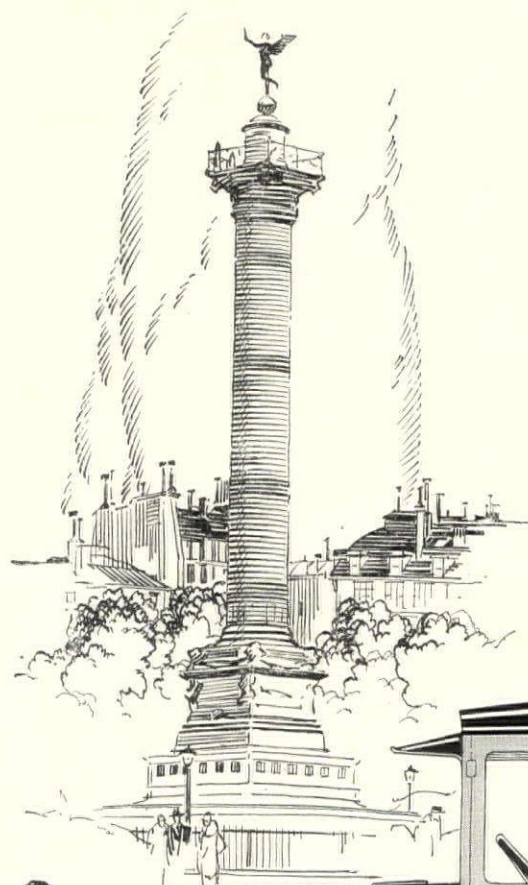
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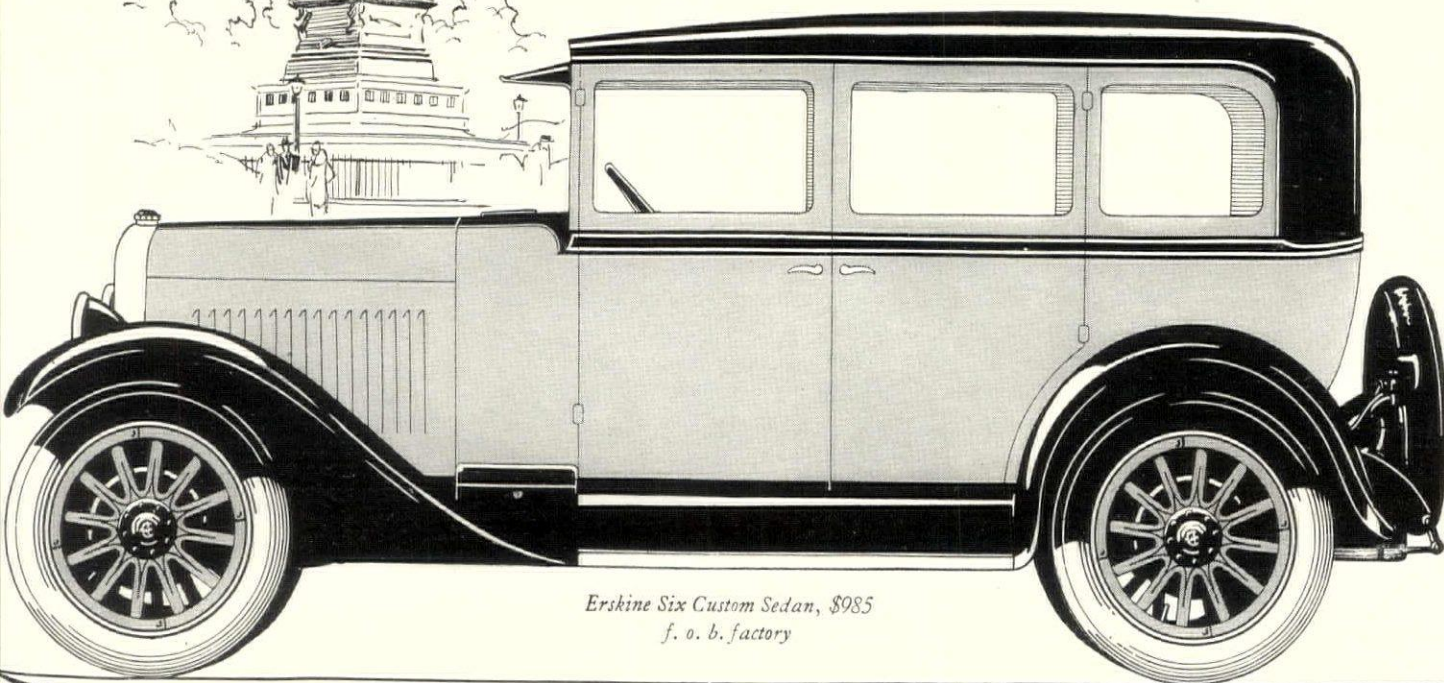


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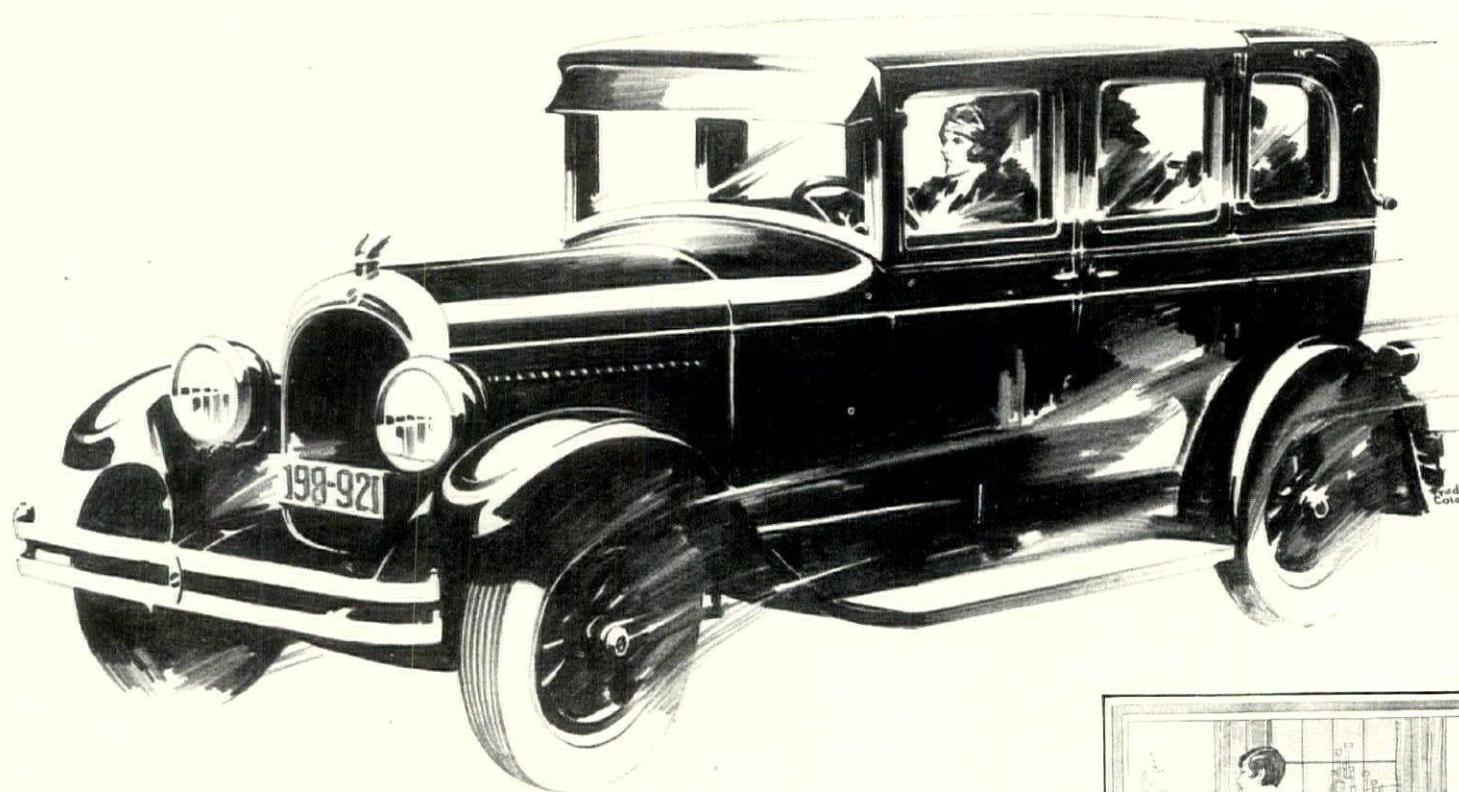
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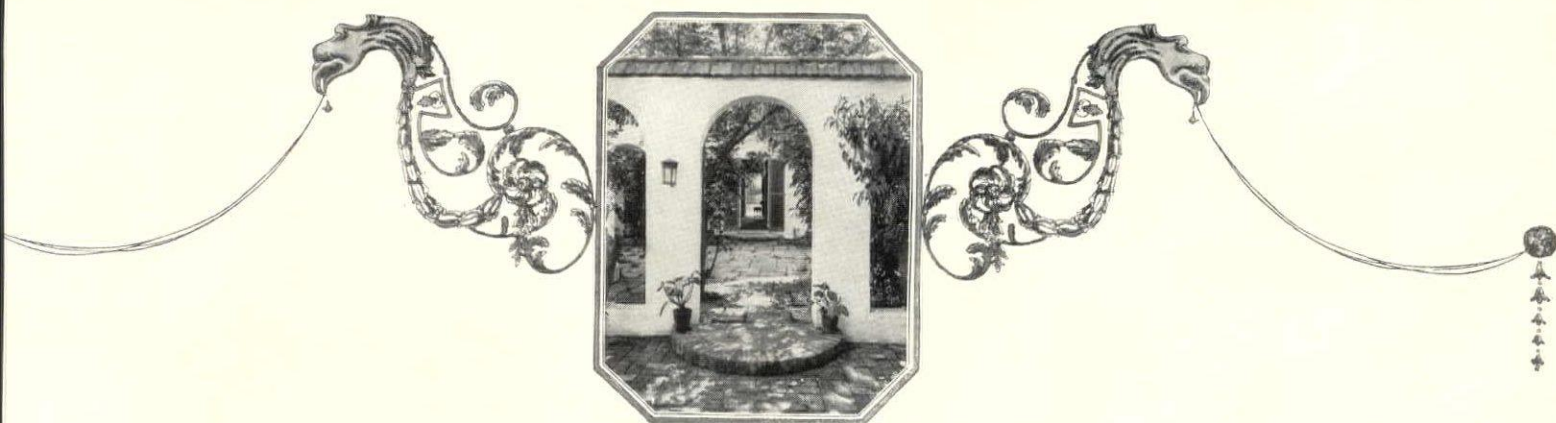
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# HOUSE & GARDEN

MAGAZINES devoted to the alluring subject of feminine tripperies have a much easier time of it than the sober-suited journals given over to the more static building and decorating themes. Fashions in frocks vary with the changing of the moon, giving a harassed editor something eternally new to talk about. Not so with decoration, however. Here styles move slowly. A certain period in furnishing becomes the vogue, lingers leisurely, and then passes gently by. Frocks flash comet-like across the mode. Chairs are content with a more dignified reincarnation progress.

The most significant feature of present day furnishing is the revival of a more sophisticated type of interior decorative treatment. In furniture, the Puritan pieces of early America are being replaced by the more livable styles of a later era; backgrounds, also, reveal a pleasing tendency towards enrichment, colorful wall papers and ornamental treatments of various kinds having supplanted, to a great extent, the plain and frequently drab surfaces so characteristic of American rooms of a past decade. Generally speaking, there is a decided trend towards greater elegance in decoration. Interiors are more arresting as well as more individual due to an increased appreciation of graceful furniture lines, color, and the enriching effect of patterned wall surfaces, figured rugs and decorative textiles.

In furniture, the outstanding note is the revival of English styles—sturdy 17th Century pieces, as well as the lighter models of the Georgian era. Decorators and furniture dealers in all parts of the country report a growing demand for the graceful styles inspired by the great furniture

## Contents for

February, 1927

Cover Design—By A. E. Marty	
The Bulletin Board . . . . .	67
Here Is Fancy Bred—Luxor Price, Artist . . . . .	68
Rooms for Little Boys & Girls—By Margaret McElroy . . . . .	69
The Mystery of the Morris Chair . . . . .	74
Beauty in Details—Folsom, Stanton & Graham, Architects . . . . .	75
Furniture of the Fourth Dimension—By P. T. Frankl . . . . .	76
Two Rooms in One—Mrs. Buel, Decorator . . . . .	78
In Two Styles—McMillen & The Arden Studios, Decorators . . . . .	79
The Gas System of Refrigeration—By Ethel R. Peyser . . . . .	80
The Dressing Room of a Lady of Quality . . . . .	81
Furniture for Foyers . . . . .	82
Game Tables and Chairs . . . . .	83
A Group in a Gentleman's Study . . . . .	84
Furniture for Small Rooms . . . . .	85
The Hearths of Santa Fé—By Ruth L. Barker . . . . .	86
A Little Portfolio of Good Interiors—Thedlow, Decorators . . . . .	87
Spanish Lanterns of Historic Styles—By Mr. & Mrs. G. Glen Gould . . . . .	90
Six Original Designs for Unusual Beds—H. Erwin, Decorator . . . . .	92
Pink Flowers in the Rock Garden—By Louise Beebe Wilder . . . . .	94
German Gardens—F. Gildemeister, Garden Architect . . . . .	96
The World's Ten Most Useful Herbs—By E. H. Wilson, V.M.H. . . . .	98
Bringing Down the Milky Way—Olmsted Brothers, Landscape Architects . . . . .	101
Plants from Cuttings . . . . .	102
The Home of Penelope Washington—By E. O. Hoppé . . . . .	103
The Architecture of California—By Edgar L. Hampton . . . . .	104
Ancient Houses in the Cotswolds—By Alfred Hopkins . . . . .	106
McIntire, the Colonial Carpenter—By Richard H. Pratt . . . . .	108
Stucco and Simplicity—Frank J. Forster, Architect . . . . .	109
A Norman Farmhouse—Frank J. Forster, Architect . . . . .	110
The Collecting of Little Boxes—By Gardner Teall . . . . .	112
Fountains for Town Betterment—Designed by Chester B. Price . . . . .	114
The Gardener's Calendar . . . . .	116

designers of 18th Century England. We hope this type of furniture, characterized as it is by distinguished lines and proportions ideally adapted to the average sized room, will definitely supplant the crude designs of the early American Colonist. These primitive pine and maple models, while quite appropriate in an informal country house, are quite out of place in an interior with the slightest leaning toward elegance.

France contributes her quota of beauty in a continued interest in 18th Century furniture styles, particularly the naïve pieces made in the provinces. There is also a growing regard for the beautiful styles of the Directoire period—another type of furniture design that stresses the note of extreme sophistication.

In sharp contrast to these rather feminine pieces is the vigorous furniture of Spain. Excellent reproductions of authentic Spanish designs are available, massive pieces for the room of ample proportions, as well as medium sized chairs and tables for the smaller interior that strives to recreate the atmosphere of old Spain.

And, finally, there is the modernist movement in furnishing, a type of decoration that can no longer be ignored. In contrast to the extreme styles shown at the Paris Exposition des Arts Décoratifs, many of the models made in this country are worthy of consideration on account of their fine use of the straight line. Some of the cabinets suggest the swift, straightforward contour of the modern skyscraper. Arresting also are the fabrics and wall papers designed in the modernist taste and notable for their refreshing use of brilliant color.

VOLUME LI

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# The Sampler —a favored Valentine token

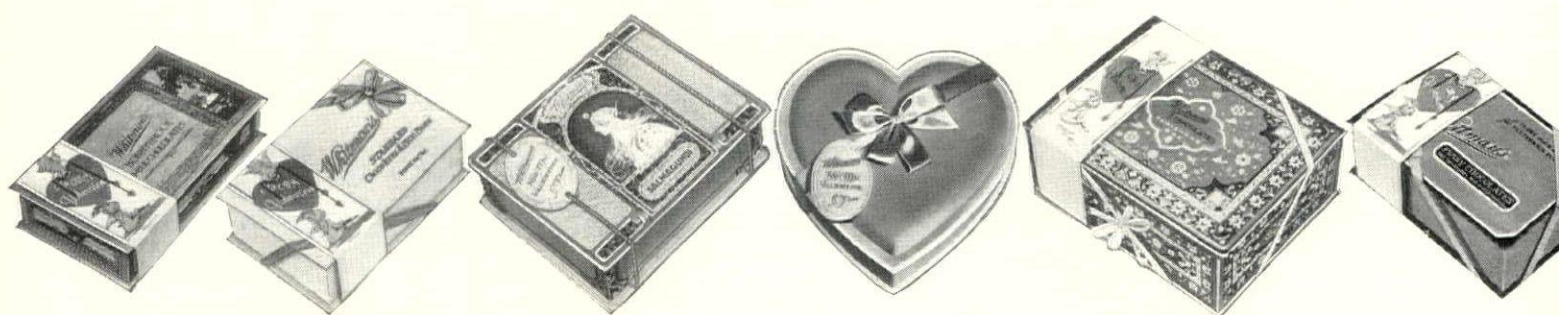


Do you want her to know who sent the Valentine? You don't—and you do, especially if it's Whitman's Sampler. There's an air of unusualness about this famous box of sweets that you'll be proud to have her associate with your name. How she will enjoy the delicious chocolates and confections, the selections of the most critical candy tastes in America! Give the Sampler and you give a thrill.

*A glance at the mysteriously written address. An air of suspense as the package is opened. Then a real thrill of pleasure when she finds it's a box of*

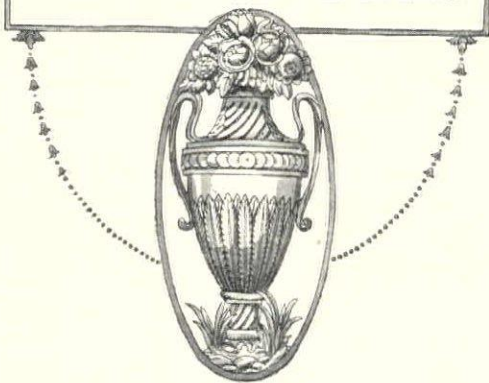
*Whitman's*  
Chocolates

Suit the Valentine to the individual taste. Each of the celebrated Whitman packages has its own "personality" and its own admirers. The Sampler, A Fussy Package, Salmon Gundi, Cloisonné, Bonnybrook Milk Chocolates, The Heart Box. Selection is easy from these beautiful boxes, with their special Valentine bands and the charming variety of their assortments. Every box sent direct from us to our agents in your neighborhood.





## The BULLETIN BOARD



### A GARDEN PATH

THERE'S hope for a man so long as he can feel a thrill of anticipation at these three things: arriving home after a hard day's work, the moment just before the curtain rises on a play, and the days just before Spring comes. The quality of each thrill is different. To most of us home is a reward for the day's work. The day offers flight from insistent and encroaching responsibilities. Spring comes with proof of abiding faith. For the glory of the garden will depend upon the work and thought a man has put into it, and his enjoyment of it will be commensurate with the quality of that work and of those dreams.



THAT thrill of anticipation comes over us as we scan the advance pages of the March issue. It is the Spring Gardening Guide. Never before have there been assembled in one issue of a magazine so many leaders of American horticulture. Here is the roster: Mrs. Edward Harding, known internationally for her work with Peonies; Mrs. Francis King, the godmother of gardening in our times; Mrs. Mortimer Fox, an authority on Lilies; Mrs. Ellen Shipman, landscape architect; F. F. Rockwell, author of many gardening books; Herbert Durand, wild flower enthusiast; Mrs. Wilder, well known to our readers for her articles on rock gardening; Ernest Wilson of the Arnold Arboretum; J. Horace McFarland, editor of the American Rose Annual.

Their topics include Lilies, plant names, a garden for a suburb, a small perennial border, rock plants, garden fallacies, cold frame gardening, collecting wild plants. To make the gardening measure full, the Planting Guide will occupy five pages, there will be a garden from Australia, and the editor will write some pages from his garden journal.



WITH such a gardening display one might think there was room for little else in this issue. Not so. The decorating pages include color schemes, rooms from two houses newly decorated in New England, an indoor tennis court with attendant galleries and dressing rooms. Mr. and Mrs. Gould will continue their series on lighting fixtures of historic periods in various countries. A display of decorative Swedish cast iron will fill two pages. The collector will consider Brean pottery. There will also be a dressing room of distinction and a room in a country house designed to reflect the garden.

Three houses will find a place in this number—a half-timbered house with an attached garage; a house that, being opposite West Point, echoes the architecture of that great institution; and a house in whitewashed brick from Illinois, in the Dutch farmhouse style.

Not a whole garden is so lovely quite  
As a prim path with flowers on the right,  
And on the left more flowers, like two walls,  
And just the walk between—a petal falls  
As we go through and brush one nodding flower,  
Shaking out dewdrops in a crystal shower.

Not a whole garden gives such joy to me  
As rubbing shoulders with the bumblebee,  
Droning his chantey as he works along  
The narrow pathway, beating with his strong,  
Incautious feet the Larkspur blooms until  
They drop beneath the burden of his will.

Not a whole garden is so lovely quite  
As one straight pathway on a moonlit night,  
With stepping stones of silver bright between  
The shadowy walls of sweetness, scarcely seen  
As flowers; but their cool clusters press  
About me with unearthly tenderness.

EDNA HOWE



MAY we commend to the generous support of our readers the work being done at the Botanic Garden of Harvard University. This garden is designed to be for herbaceous plants what the Arnold Arboretum is to trees and shrubs. Over 6000 new species have already been added to the collection, but the work is being handicapped by lack of funds. Contributions can be sent to Stephen F. Hamblin, Director, at Cambridge, Mass. We might also suggest that a visit to the Botanic Garden would be one of the most pleasant and fruitful pilgrimages a garden lover might make.



WHY is it that some people have such a horror of utilitarian things? Why do they think that because an object is primarily useful it must be hidden? The telephone, for example. It makes no pretences. It is a useful, necessary object. And yet we find it secreted in cabinets, in books, and clothed with the skirts of decadent dolls. This sort of thing belongs to Victorian days when nude statues were swathed with clothes. Even worse is the manner in which decorators are disguising an intimate and necessary plumbing fixture. How the shades of Louis Quinze would weep to see to what base uses his lovely chairs are put!

ONE of our hopes (which will probably never be realized) is to live long enough to meet a dealer in antiques who does not think—and say—that all other dealers in antiques are undependable and discredited. Apparently no good can ever come out of this Nazareth of antiquities. And we wonder why. Can it be (which Heaven forbid!) that these dealers sell freshly-made reproductions for veritable old pieces? Do they sit up nights concocting the romance and genealogy of this highboy and that chair, with which to impress and deceive gullible purchasers? Do they scour the hinterlands for old wood with which to make their ancient pieces? The subject is deserving of profound speculation.



OLD DOC LEMMON SAYS—"When ye git right down to thinkin' onto it, they's a heap o' things in the world thet we don't know nothin' about. Things thet are kind o' inside of others, hid away as if they was secrets we ain't never intended to larn. Things like old Mis' Allison's way with flowers.

"It must be nigh onto fifty year thet Mis' Allison's lived in the neat leetle white farmhouse under the shelter o' Cooley's Mounting—went there as a slip of a girl when she married Art. I mind her well, then; purty as a picture, dark but with a sort o' quiet smile thet lit up her face like sunshine, mighty near.

"She allus was a great hand fer growin' flowers, even in them days. Summer an' winter she hed 'em—dozens o' diff'rent kinds, some o' which I never heer'd tell of afore er since. An' ev'ry one of 'em done so well thet people used to come from miles around just to see 'em. 'How d'ye do it?' they'd ast her. An' she'd never give no answer only this: 'I love them.'

"Art's been dead an' gone these ten year, but his old home's as bright as ever with Heliotrope, Stocks, Pansies an' the rest. Sometimes it seems like they knowed Mis' Allison treats 'em extry tender, thinkin' o' the old days. I dunno—I dunno."



IN "Mansfield Park," Jane Austen spoke her mind about the decorators of her time. "I do not wish to influence Mr. Rushworth," says one of the characters, "but had I a place to new-fashion, I should not put myself into the hands of an improver. I would rather have an inferior degree of beauty of my own choice and acquired progressively. I would rather abide by my own blunders than by his."

This sounds familiar. It represents the minds of many people of taste today. For the good decorator—not merely the seller of pretty knick-knacks—is one who guides the taste of the client, crystallizes what may be vague into beautiful realities. Were not a taste for furniture and color spreading over this country, we would feel that the crusade HOUSE & GARDEN has been conducting for it would have been in vain.









## ROOMS FOR LITTLE BOYS AND GIRLS

*The Child in the House Is Entitled to Pleasing  
as Well as Practical Surroundings*

MARGARET McELROY

CHILDREN'S rooms today, with their varied and beguiling wall treatments, their engaging use of color, and their charming fabrics, are a far cry from the shining interiors of not so long ago, when all that was thought necessary in a nursery or playroom was a collection of small furniture and plenty of sanitation. Walls then were either blank white spaces or, worse still, ornamented with terrible nursery friezes—dreary rows of Mother Goose characters in hard colors, irritating Dutch figures in impossible blues, or Noah's Ark animals marching in solemn procession on an oatmeal ground. Everything was washable, and all was undistinguished.

Today the child in the house is treated with infinitely more respect. The rooms devoted to the young members of the family are planned as carefully as the grown-up interiors, wise mothers appreciating the value of distinguished surroundings during the formative years when a child's mind is most alive to impressions of beauty. Miniature furniture in established period styles is now available, enabling the child to become accustomed at an early age to authentic lines and pleasing proportions. Wallpapers, panels and daily colored posters, in designs both young and charming, insure an enchanting background, one vastly more stirring to youthful minds than a white surface

unrelieved by any decorative device. Walls of this type can also be severely practical owing to the protective possibilities of shellac. And to complete the picture, there is a host of serviceable fabrics ideally adapted to a child's room—toiles de Jouy in joyous scenes of shepherds "piping down the valleys wild," flowery glazed chintzes that are both sunfast and waterproof, prim English prints with tiny scattered flower motifs,

soft voiles in pastel tints guaranteed to withstand the sun, crisp organdie of fadeless variety, as well as the durable dotted Swiss, than which there is no more desirable material for nursery windows.

When planning the playroom, it is well to remember that children, like flowers, thrive best in the sun. See that the nursery gets plenty of air, and, above all, sunlight. Sacrifice space, if necessary, and be willing

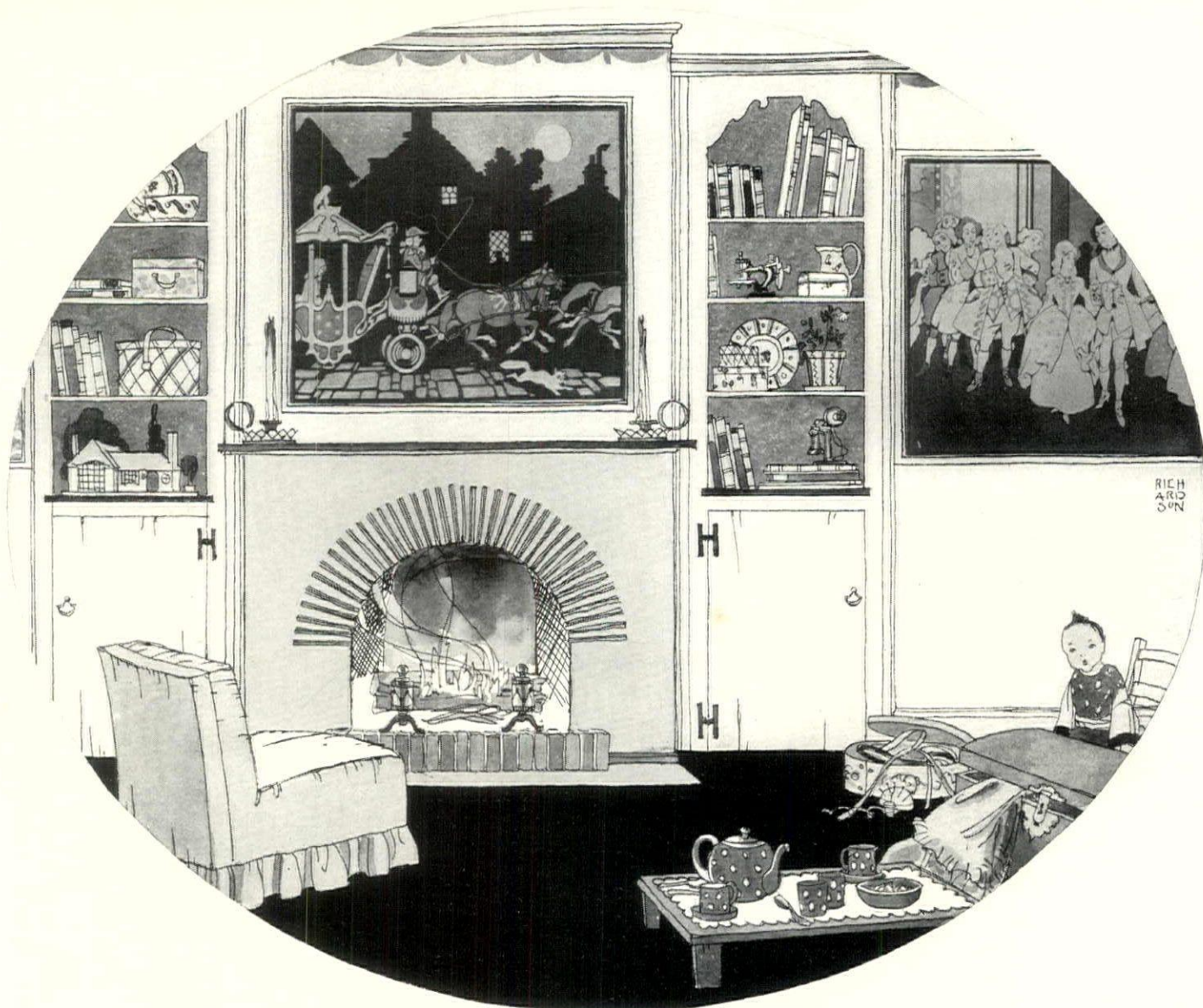
to climb many steps, but insist on sun. Lacking this essential factor, use plenty of rich yellows and cream tones, with touches of pink, in the color scheme to create an appearance of warmth.

The walls in a child's room should have a waterproof finish, or, at least, a washable dado. Plain plaster surfaces in waterproof paint are easy to keep clean and make a good background for a small interior in such colors as primrose yellow, shell pink, hyacinth blue, cream yellow, peach or pale turquoise. When there is strong color in the curtains, pictures, or chair coverings, the walls can be cream white. If all-over paper is used without a dado, the whole surface should be covered with a coat of glaze as protection. When there is a dado of sufficient height, this only need be glazed.

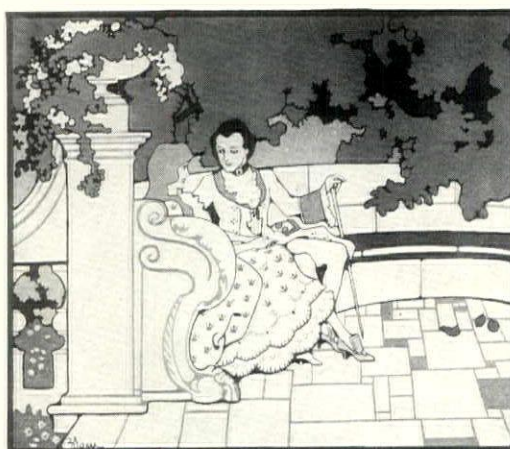


*A room for a boy in his teens has an alcove fitted with built-in furniture painted buff with red lines. The wallpaper is buff with a design of sailing scenes in color*





The glamorous Cinderella legend done in a series of colorful French posters makes a delightful wall decoration for a little girl's room. Posters from Lord & Taylor



Sketched above is the fireplace end of a child's room showing two of the posters used as panels. Over the mantel is a decorative scene of Cinderella driving in state to the ball

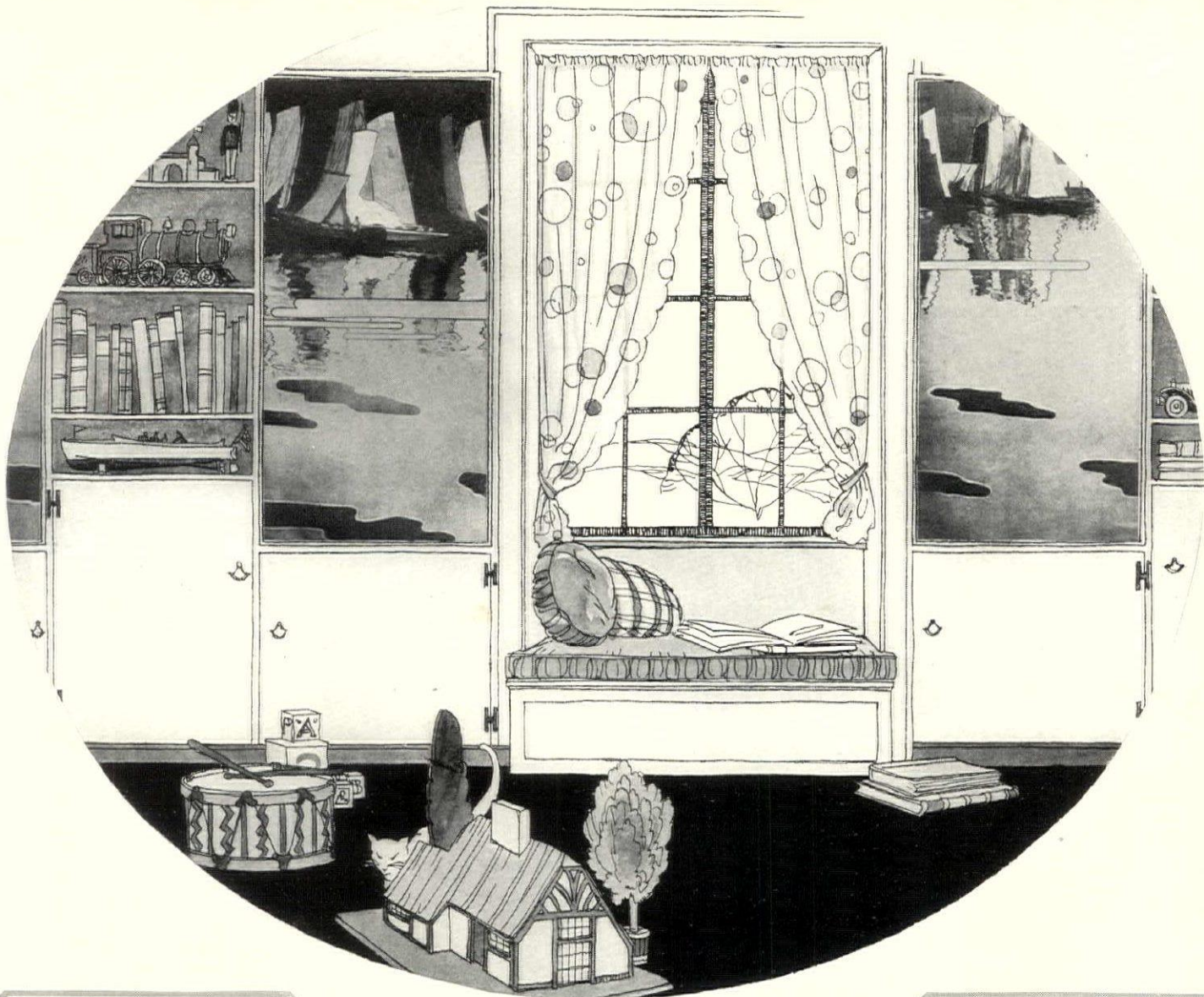


Merrill

Owing to the brilliant colors in the panels, the surrounding wall in this room is painted white. The moldings and base-board are apple green. The carpet is deep French blue and the curtains are of blue linen





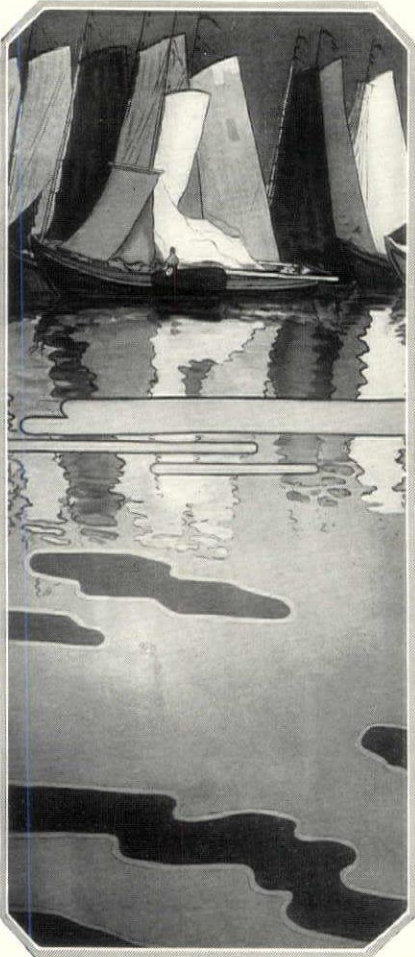


*This playroom for a young boy was planned around a set of colorful ship posters. The woodwork is the tone of the apple green water in the panels. The curtains are shimmering green gauze trimmed with appliqué pieces of vari-colored silk to suggest balloons*

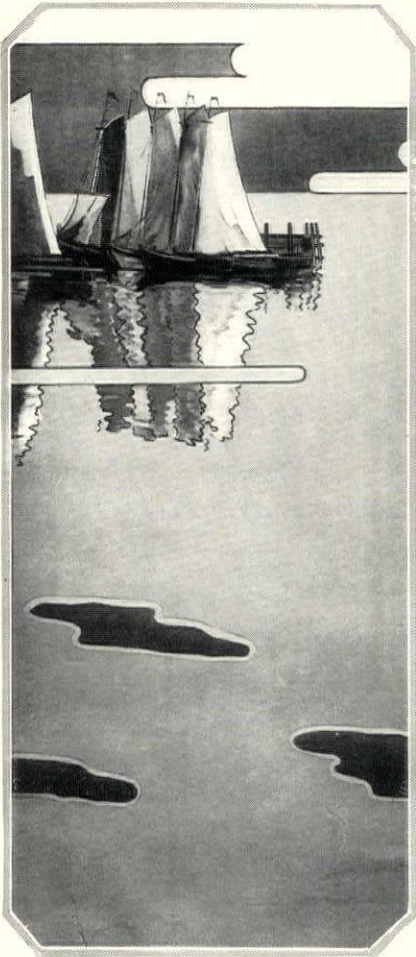
Another practical solution for the nursery wall is a cloth wall covering treated to resemble paper. This has a glazed surface that is easily cleaned. It comes in a number of plain colors, as well as small mottled and flower patterns. Unusual effects are achieved with cut-out motifs in contrasting tones applied to the wall to form a design. In this way you may have much the effect of a painted background at a minimum of the cost. After the pattern has been pasted on, the whole should be given a coat of shellac.

The most satisfactory floor covering in a room for a young child is linoleum as it is warm, durable and easily cleaned. Since this type of flooring comes in a wide range of plain colors and small mottled designs, you will have no trouble in finding a shade in key with your decorative scheme. Hard-

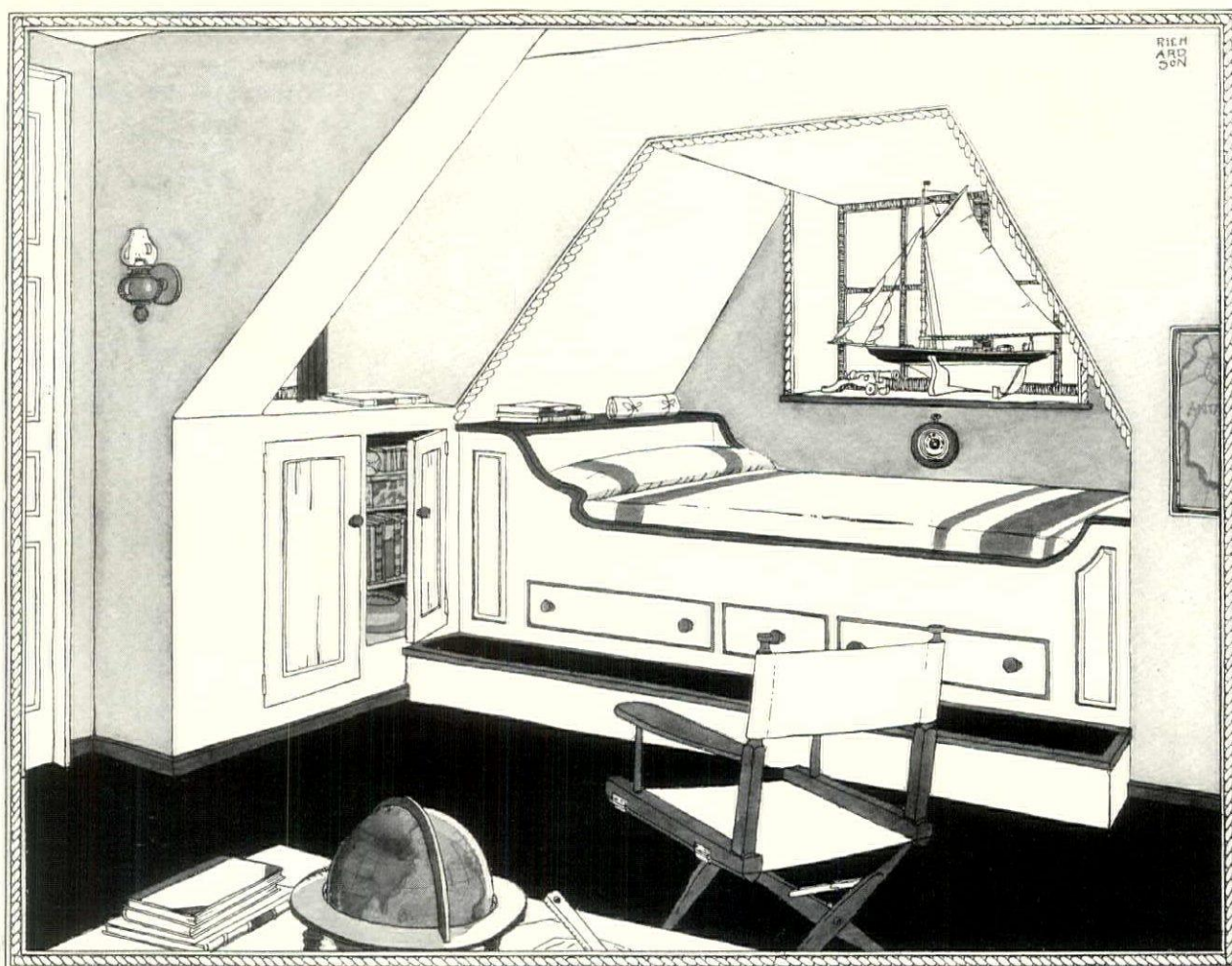
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Merrill

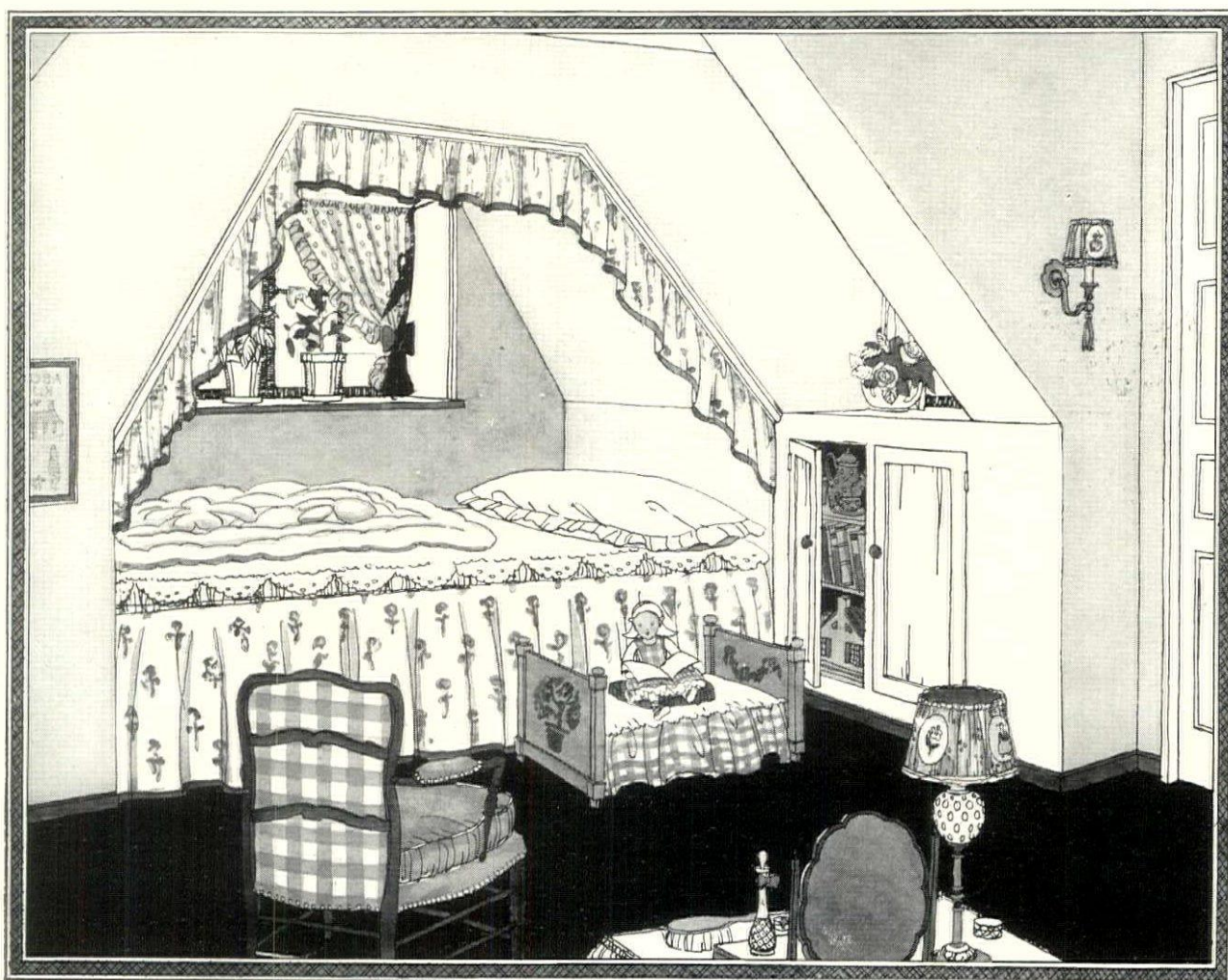




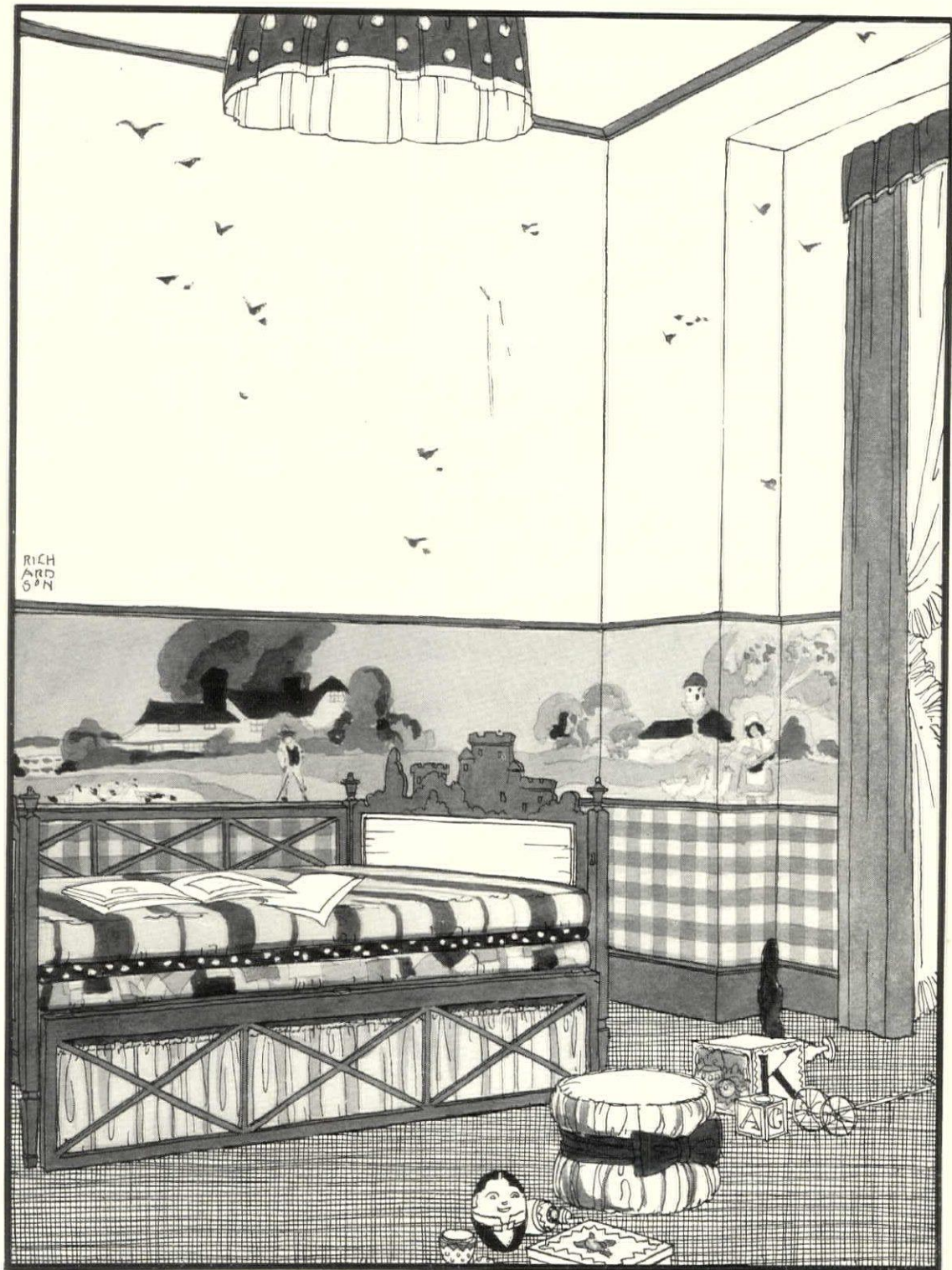
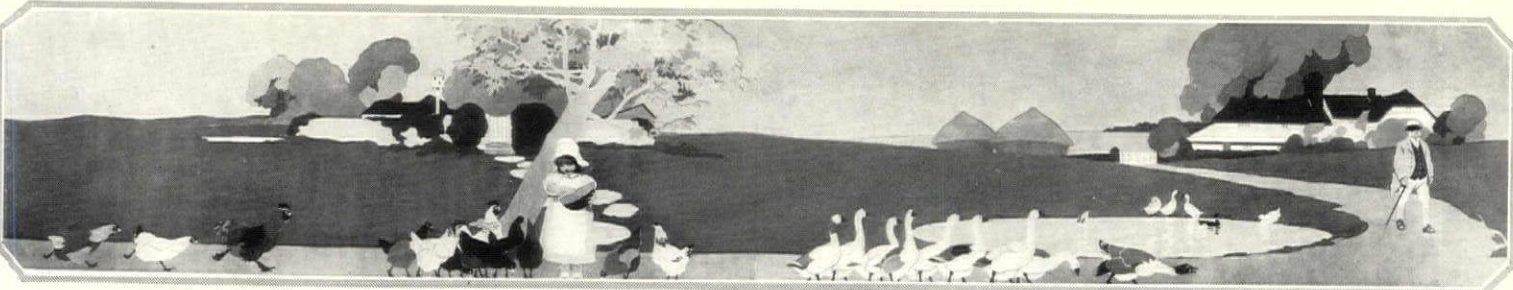


Sketched on this page are two treatments for the same space. The boy will appreciate the compact bed with its drawers underneath, the ample shelf room, and the commodious cabinet

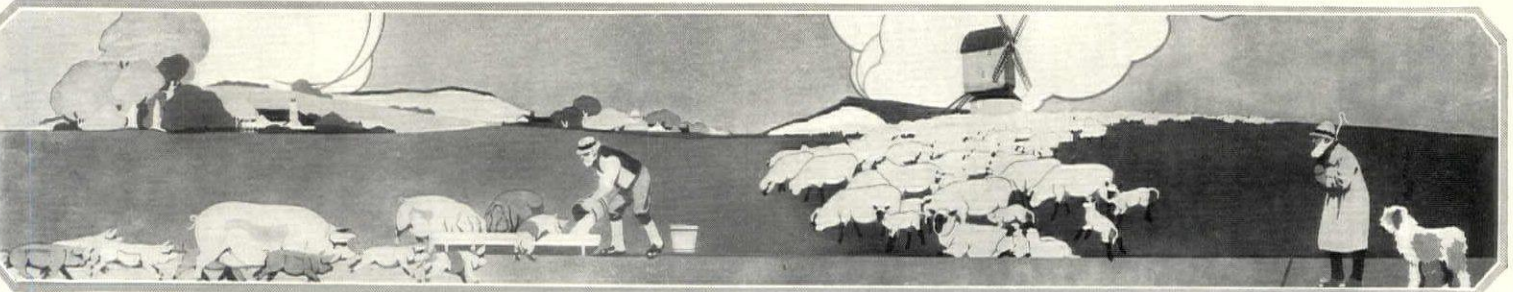
Below is the same alcove furnished for a little girl. Here the walls are painted shell pink and a crisp white chintz sprigged in pink roses and bound in blue is used to make bed valances







A playroom suggestive of the outdoors was inspired by a set of French posters in engaging scenes of an immaculate and ideally run farm. The wall space above these panels is painted pale blue, with birds either painted on or cut out of paper and applied. Posters from Lord & Taylor





# THE MYSTERY OF THE MORRIS CHAIR

*Still Preserved, This Chair Remains a Symbol of*

*Masculine Taste in Furnishing*

THE other evening, into a group of perfectly sane and sober people sitting around after dinner, someone threw this question: "What has become of the Morris chair?"

The company was equally divided as to sex—a fact that will bear its relationship later on. The room was a man's study, decorated in a nondescript masculine style with deep comfortable chairs, a wide and generous couch, an expansive desk and the pictures and curios and objets d'art a man accumulates in travel. There were also quantities of books about. The dinner had been good—nothing extra, but good. The girls were pretty. Coffee had just been served, when this mystery of the Morris chair was suggested. Immediately everyone started talking at once.

From a consensus of the chatter it appeared that every person in that room, at one time or another, had been devoted to a Morris chair. Not just liked it, but loved it, loved its depth and its accommodating slant and its cushions. Practically everyone attested to the fact that his or her parents had owned one, and not a few believed that it was still being used by them. The first round of this fight came off very well for the Morris chair. But it didn't solve the problem of what had now become of it.

A younger person, fresher from college walls than the rest of us, suggested that the colleges and universities of America were preserving, along with Latin and Greek and the other dead things, the taste for this chair. He said (and we have every reason to believe him) that no undergraduate's room is furnished until it contains such a chair. It is the companion of banners and stolen signs and girl's pictures and empty beer steins and the other requisite equipment for the room of a student. How true that is! And how thankful we must all be to the colleges for saving this grand old piece of furniture. Doubtless there are men today who, remembering those college years, refuse sternly to surrender their Morris chairs. To them also we must be grateful.

THE legend goes that William Morris, the printer and poet of the '90s in England, invented this chair. Few people nowadays read Morris' poems, and fewer attempt to read his printed books because they are so difficult to read. He was a large man, was Morris, a Gargantuan hulk of a person, who wore an enormous beard and believed in a brand of socialism that compared with today's vermilion taste would be scarcely called pink. Morris also was a master craftsman and designed wall papers and made furniture, and held the notion that the way to social peace was through working with the hands. After searching for a chair that would accommodate his body comfortably, he set to and made one—with projecting arms at the rear on which rested a rod, and the rod supported a hinged back that could be raised or lowered to suit one's size. Deep cushions made the sitting soft—and there you were!

Perhaps long after the poems and books of William Morris shall all have been forgotten, when his wall papers shall all have faded men will go on sitting in the chair he invented, and bless his name.

IN the final analysis, the Morris chair is a symbol and a protest. It is a symbol of the man in the house, and it is a protest against the style of furnishing that neglects his desires.

Just now we are at a peak of the Early American craze for furnishing. But who finds comfort in it? This furniture, for which people today are paying fabulous prices, was nothing more than kitchen furniture—and who has ever found ease in kitchen chairs? The Puritan mind considered ease and comfort to be evil temptations from which man should flee. Few of us, indeed, share this sentiment. Certainly the men among us, tired after a day's work, know that ease and comfort are what we most need.

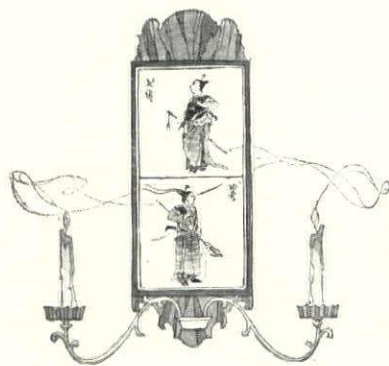
During the past decade we have seen the ascendancy of the female in decoration. The majority of decorators today are women, and most of the rooms created by them are for women. With the accustomed humility of his sex, all that remains for the man is to pay the bills.

Perhaps it is revolutionary, but we venture to suggest that home would seem more like home to more men if, in planning decorations and furnishings, the men of the family were taken into account. However elegant the tastes of a man may be, however much he may interest himself in furniture styles and the beauty of rich and curious fabrics and in objets d'art, it is a fundamental fact that above all he desires one or two things for himself—a place where he may occasionally be alone at peace, and a comfortable chair in which he may rest. He asks that this chair be reserved for him.

We have a memory (and may it never fade!) of a room in which there was a large bay window close by a fireplace, and midway between the window and the fire stood a chair. It was occupied officially only in the evening and on Sundays. At other times venturesome souls might dare to occupy that chair, but at evenings and on Sundays one man and one man alone might sit enthroned there. There at evening he sat reading his paper. And there on Sunday afternoons we had to go and recite, "My duty to my neighbor is, etc." It was a golden oak chair and it had brown corduroy cushions and—blessed be his memory!—it was fashioned after the style of William Morris.

We recall this chair whenever we see a man lowering himself gingerly into some spindly affair. And we wonder if the day will come when the males of the species, rising in determined revolt, will go forth into the pretty purlicues of the decorators' shops and demand, in the name of William Morris and all men of size, chairs to fit them.

—R. W.







Wallace

## BEAUTY IN DETAILS

*The beauty of these stairs lies in the successful combination of the brick flooring and the paneled wall, the slim balusters, the charmingly curved newel, the mahogany treads and hand-rail and the decorations at the ends of the steps. In the home of Dr. Alexander Randall, Chestnut Hill, Pa. Folsom, Stanton & Graham, architects*





*That modernist designs can be graceful is evidenced in this hanging shelf with its effective curved and scalloped top. It is painted green and lined with a colorful wall paper. From R. H. Macy*

## FURNITURE OF THE FOURTH DIMENSION

AS soon as furniture became decorative instead of just utilitarian, it became contemporary art, with its source inspired by the architecture of the period. Several centuries have served to establish this fact, but for some inexplicable reason it is deemed revolutionary when applied to our time and our cities. All contemporary decorative art should aid in expressing the same idea and spirit as its architectural shell. It should be as effective a mouthpiece of

*Designed for the New  
Interior*

P. T. FRANKL

the spirit of its day as are the modern skyscrapers themselves.

There has been born into our midst a new dimension in furniture—a fourth di-

mension. The sooner we recognize it and welcome it, the sooner we can proclaim our freedom from the ridiculous imitation, the slavish insistence on "period" styles.

What is this fourth dimension? The first three we know to be height, width and depth. The fourth is Time. The first three dimensions you can touch. The fourth you cannot touch—it touches you. Not only touches but embraces and carries you forward with each minute of

the day. That dimension is not a fad in furniture. If it is, then our solid, towering skyscrapers are just a passing fancy instead of what they really are: immutable products of time—and lack of space.

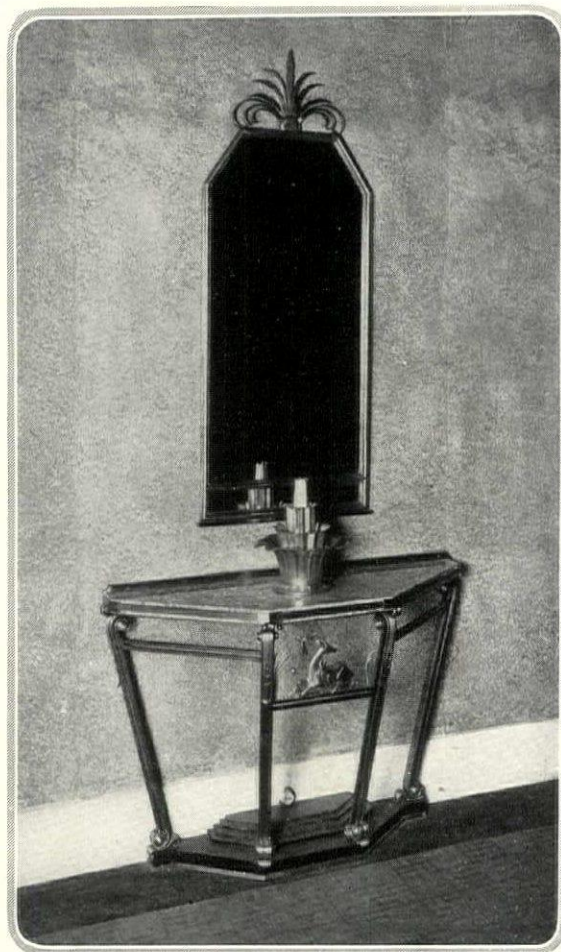
Since the connection between architecture and decorative art is so fundamental, why do we of the American cities continue to disregard the fourth dimension in our contemporary furniture when our architects have accepted it? They had to. So must the



Steiner-Bruhl

*At the right is a modernist console made of marble, metal and wood. The supports and mirror frame are iron in polished steel finish. Designed and executed by Kantack & Co.*

*This combined cabinet and bookcase, with its vertical lines and suggestion of the modern skyscraper, is a practical piece for a man's study. Green with dark red trim. Frankl Galleries*



Hewitt



decorators. The cliff dweller of today needs furniture created solely for his need, pieces adapted to the modern apartment interior, styles expressive of the modern spirit in line, form and rhythm.

When we have cast aside the sedulous mimicking of modes of a bygone era, then and then only shall our decorative art be truly creative. That slang admonition: "Be yourself!" has been heeded by the architect, but the interior decorator still keeps his fingers in his ears and his eyes on the past. He claims he is creating, but working solely in the spirit of the past is imitating and copying and has nothing whatsoever to do with the spirit of real creation.

Yet, I am sure, if these same decorators saw a woman in crinolines trying to cross Fifth Avenue they would turn to one another and say: "She can't wear such clothes nowadays. There isn't space nor time for her balloonish outfit." But these same observers think nothing of placing a Louis Seize chair, a massive Tudor chest or carved and gilded Medici bed in a modern American home—pieces of furniture that no more belong in our present day environment than the beplumed, corseted and crinolined lady in traffic-glutted Fifth Avenue.

That Louis Seize chair, the massive Tudor chest and the gilded Medici bed were designed for a public that had leisure,—loads of it. To that public both architect



Harting

*The four fold screen above reveals the angles and geometric effects characteristic of modernist design. It is covered in paper patterned in large black lattices on a white ground. The frame is Nile green. From Frankl*

and decorator appealed. Life at present however, is quite a different matter. We have not the luxury of leisure today. In its place, has been evolved an ideal of speed, based on the fact that a straight line is the shortest distance between two points. But strangely enough, we insist on taking our decorative art in squatty curves and colors in complete dissonance with our mode of living and our background. Why?

Surely, we can create a furniture expressive of the modern scheme of life just as we have evolved a music. If possession is nine-tenths of the law, then everything is in our favor. In the first place it was an American who created the entire current of modern architecture and decorative art: Frank Lloyd Wright. Secondly—we as a younger nation possess the right because we have the spirit to adapt ourselves more readily to the New. We've proven it repeatedly.

I say "Be yourself" in the decoration of your modern home with the same enthusiasm that inspired the building of the marvelous modern skyscrapers. The next time you see the new Lincoln or Packard Six reflect that these distinctly modern achievements were perfected by the artist in conjunction with the engineer. Just so must the interior decorator co-operate with the architect today.  
(Continued on page 140)



White

*The sturdy pedestal of the table shown at the left is painted white as a contrast to the black base. The round top is also white. It was designed by H. Erwin*

*Interesting features of this overstuffed chair are the varied levels of the arms and the black legs shaped like inverted pyramids. It was designed by H. Erwin*







*This fireplace end of a combined living and dining room is in the home of Paul Plunkett, Port Chester, N. Y. Mrs. Buel and Albert Bartlett, decorators.*

*Curtains of yellow chintz patterned in Lilies and pink Primroses are a delightful contrast to the mauve gray walls. Mauve tapestry cloth covers the sofa.*



*The graceful arm chairs are covered in uncut velvet in a design of yellow, mauve and green flowers on an aquamarine ground.*



TWO ROOMS

IN ONE



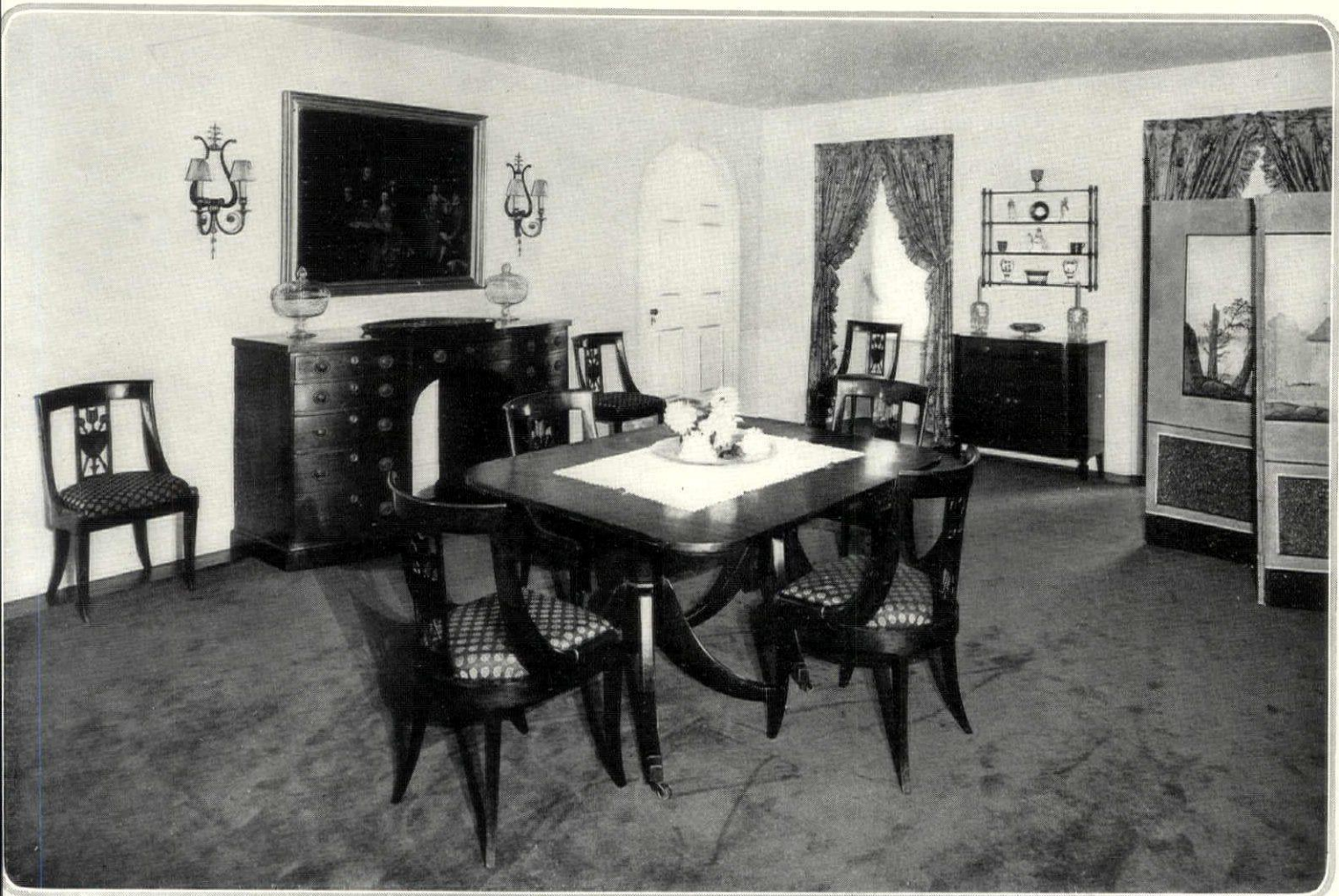


Hewitt

IN TWO STYLES

*The room above owes its distinction to the Décor Chinois wallpaper. The residence of Mrs. William Whitcomb, Plainfield, N. J. Arden Studios, decorators*

*Hyacinth blue walls and salmon pink chintz curtains are features of the room below. The chair seats are of black and gold hair cloth. McMillen, decorators*



Duryea



# THE GAS SYSTEM OF REFRIGERATION

*Turn on the Gas and Light It in One of These Modern Installations and the Cooling and Ice-making Processes Commence*

ETHEL R. PEYSER

**I**N a very few months gas refrigeration will be as popular a conversational factor as electric refrigeration. Electricity, the king of automatic processes, has reigned so intensively during our time that the fact of anything coming in to equal its prowess is sufficient to cause rampant commentary. The glory of the gas machine is not that it supplants electricity, but that it can be used where there is no electricity, and furthermore it in no way ousts the electric refrigerator which can be used where gas has not been and probably never shall be. Therefore we like to think of them as twin opportunities, catering respectively to the non-electric and non-gas areas inexpensively and with great comfort.

Refrigeration, whether by lumps of ice, electricity or gas, is fundamentally the same process. To refrigerate it is necessary to subtract heat. When you wet your hand and let the water evaporate your hand feels cold. This is because, as we say without thought, the water evaporates. But evaporates means that the water is turning to vapor and in the process draws out the heat from your hand. Knowing this simple thing, then, engineers have applied it to refrigeration. But before the engineers became interested, nomads and Arabs carried things in moistened clay, so that the evaporation process kept things cool and wise to eat. And so to go back to the engineers, we find them casting about for refrigerants or materials that will boil or vaporize at low temperatures, using up the heat and leaving the surrounding air cold. In the case of the electric refrigerator, electricity does not refrigerate but sends the refrigerant about its business through the condenser and coils and keeps it cycling as it condenses and expands from liquid to gas and to gas from liquid, subtracting heat over and over again.

The refrigerants used have been for the most part ethyl chloride, sulphur dioxide, and ammonia. Ammonia is used chiefly for the refrigerant in gas refrigerators.

The domestic gas refrigerator, of which there are but a few makes now on the

market, looks about the same as the electric or even the ordinary iced refrigerator. Not being electric, however, there is no motor and all the works are contained in a small space, usually as a part of the box. The connection outside is simply that of

ordinary cake of ice in your refrigerator is merely the absorber of heat from the case itself and the articles to be kept cold, as it were. For everything has a certain amount of heat—even at the Poles.

There are two types of refrigerators.

The great basic principles are similar, so we will describe the most familiar (the intermittent type) first, and then tell you of the continuous type.

In the intermittent gas refrigerator, ammonia is the refrigerant and water is the absorbent. The apparatus consists of tubing and small tanks. There is the boiler-absorber tank which houses the ammonia and water before it starts its tour. Then there is the condenser, and the evaporator or the cooling unit inside the refrigerator chest. The gas makes its appearance as flame under the generator which heats the ammonia and water, driving the ammonia out of the water in gaseous form into the condenser, where it liquefies as pure ammonia, leaving the water or weak solution of ammonia and water behind in the generator. Then the ammonia flows by gravity into the evaporator or cooling coils inside the refrigerator. When the heating time is over and the gas is turned off automatically, the cooling water passes off through tubes from the condenser where it has been liquefying the ammonia gas to a coil inside the boiler absorber where it now cools the remaining water there.

Ammonia is very soluble in water. Hence as the water in the

boiler is hot it sends off the ammonia gas and when there is a reduction of heat and pressure due to the flowing cooling water in the coil of the boiler-absorber, the water there absorbs ammonia. This is why the gas refrigeration is said to be done by the absorption process.

Now let us see just how the cooling is effected. After the heating has been done, the evaporator in the chest is full of liquid ammonia. Now when the water in the boiler is cooled by the flowing city water coil in it, there is a consequent reduction of heat and pressure in the boiler itself.

(Continued on page 168)



A GERMAN KITCHEN

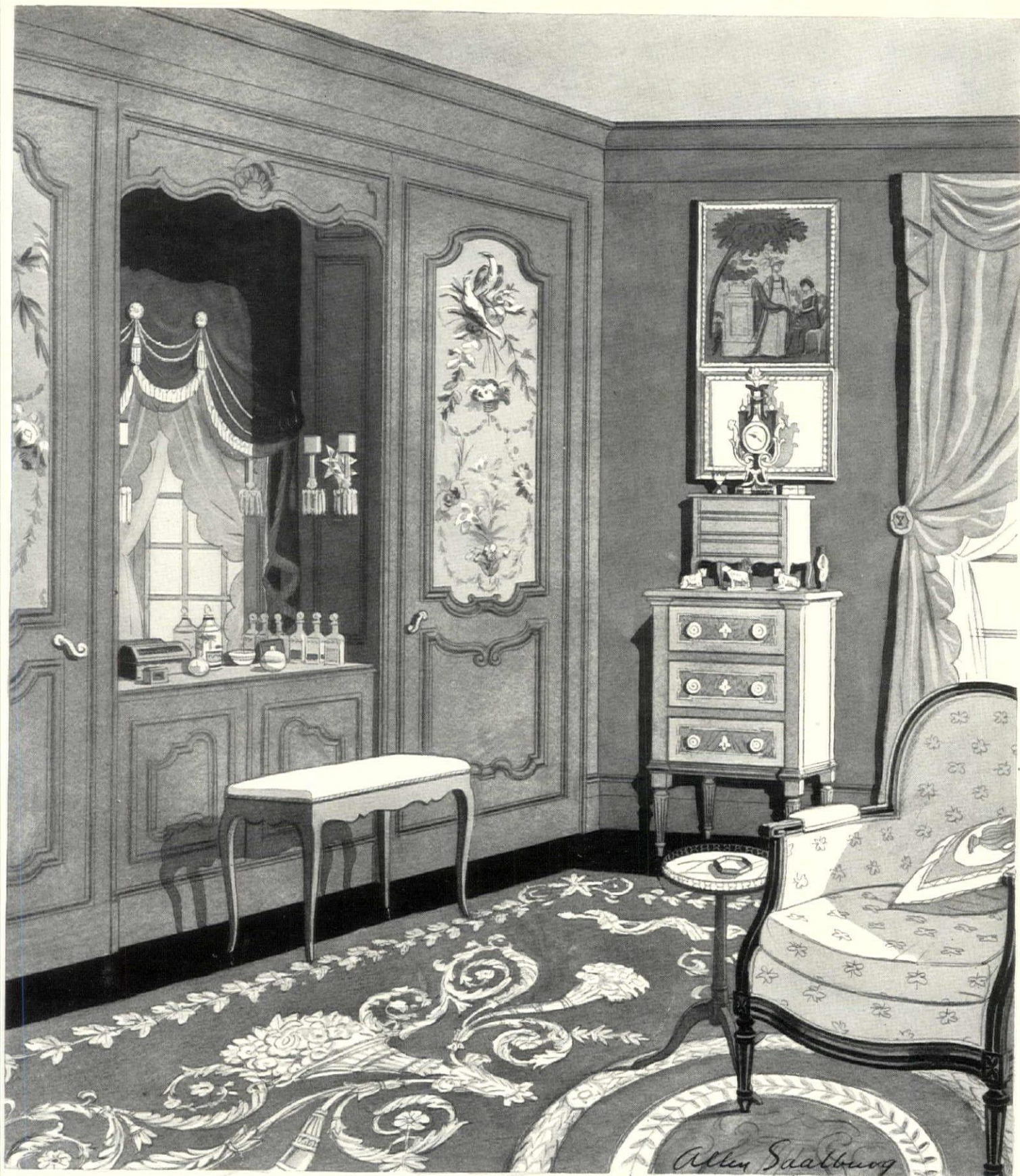
*In the home of Alexander Koch at Darmstadt, is this beautifully equipped kitchen. From "Das Haus eines Kunst freundes"*

branch pipes to the gas and water supply.

So there is nothing abstruse about it, for the gas is the starter for the refrigerant on its way through the coils and evaporators, going around and around, subtracting the heat from the interior of the refrigerator and leaving the air in that section so cold that it freezes the water left in the pan, to be made into ice cubes, and keeps the air so cold that food keeps splendidly.

Not being engineers, we shall try here in simplest synopsis to give the story of the play—which is most dramatic and vital to the world today. To begin with, the





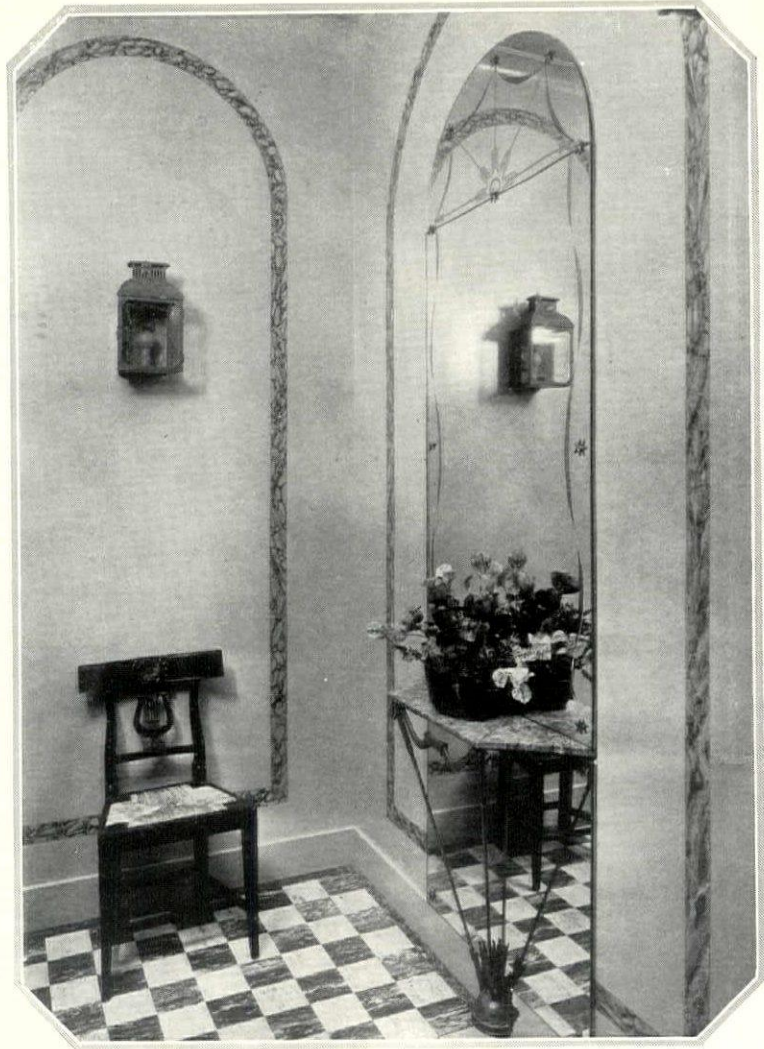
## THE DRESSING ROOM OF A LADY OF QUALITY

*The coloring of this room was suggested by an 18th Century wallpaper in rose, peach, green and white on a powder blue ground. The walls are old white with moldings picked out in blue. Peach taffeta makes the soft curtains. A tiny chest on a small French commode holds trinkets. Paper from Nancy McClelland. Furniture from Barneywall, Inc.*





(Above) This distinguished small entrance hall has blue walls ornamented with fine gold lines to form a diamond design. The decorative furniture is 18th Century Italian finished in old white and gold. Chandler W. Ireland was the decorator



The walls in this foyer are pale green with panels suggested by means of marbleized bands in darker green. The furniture is Directoire, and the flooring black and white rubberized tile. The New York residence of Mrs. J. W. Hornor. Buchwalter, Inc., decorators



## FURNITURE FOR FOYERS

Old Chinese paper panels, framed in red lacquer moldings, make a gay and delightful decoration for a small hall. A red lacquer commode and two black lacquer chairs complete a charming and colorful group. Nancy McClelland was the decorator

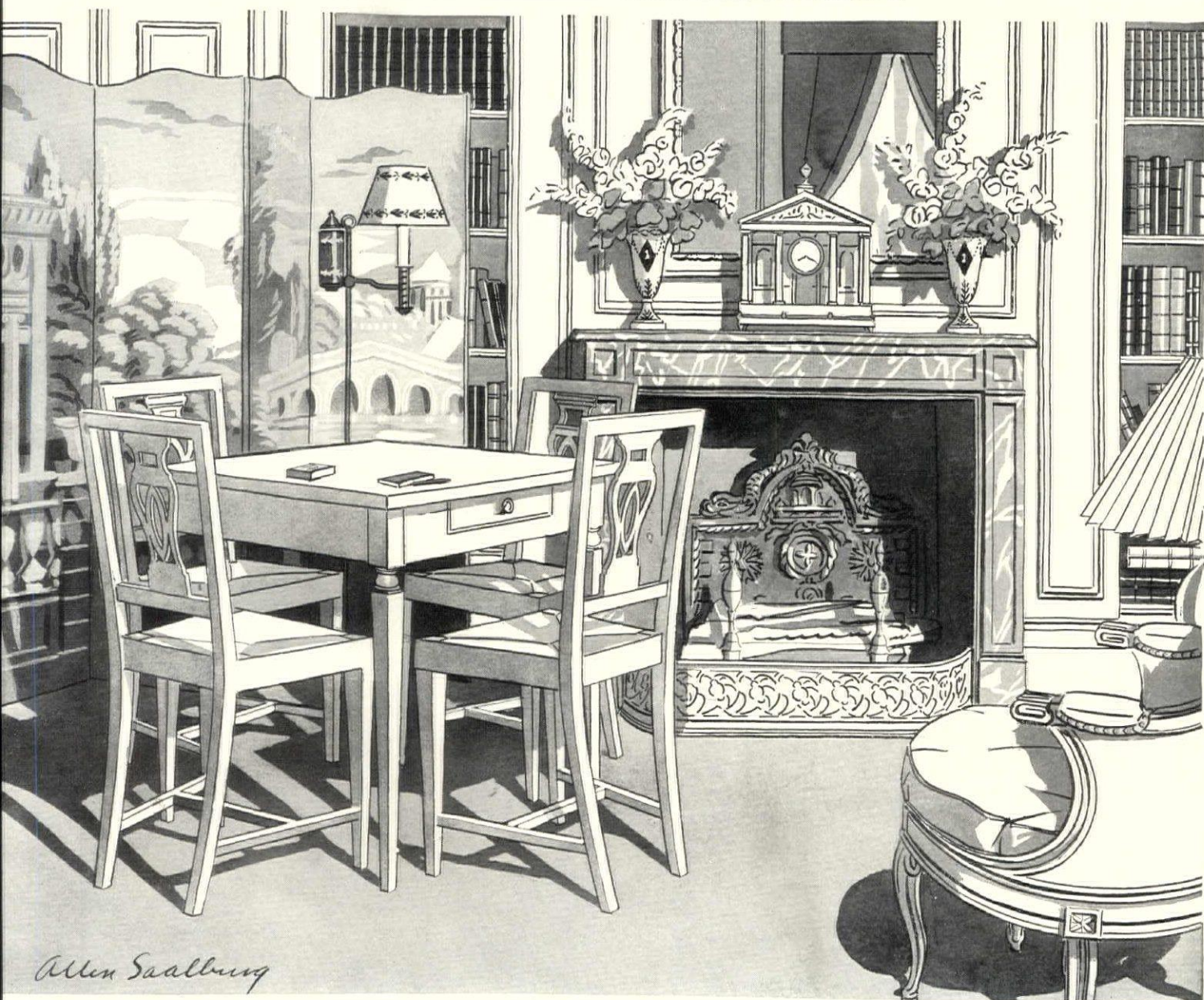


# GAME TABLES AND CHAIRS

(Below) For a room done in the French manner comes a well-designed card table in walnut finish with a red damask top. The French chairs are in keeping. The graceful bridge lamp of painted tôle may be had in red, yellow or green. Courtesy of R. H. Macy

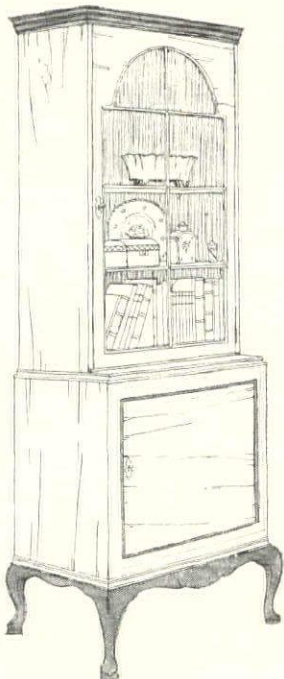
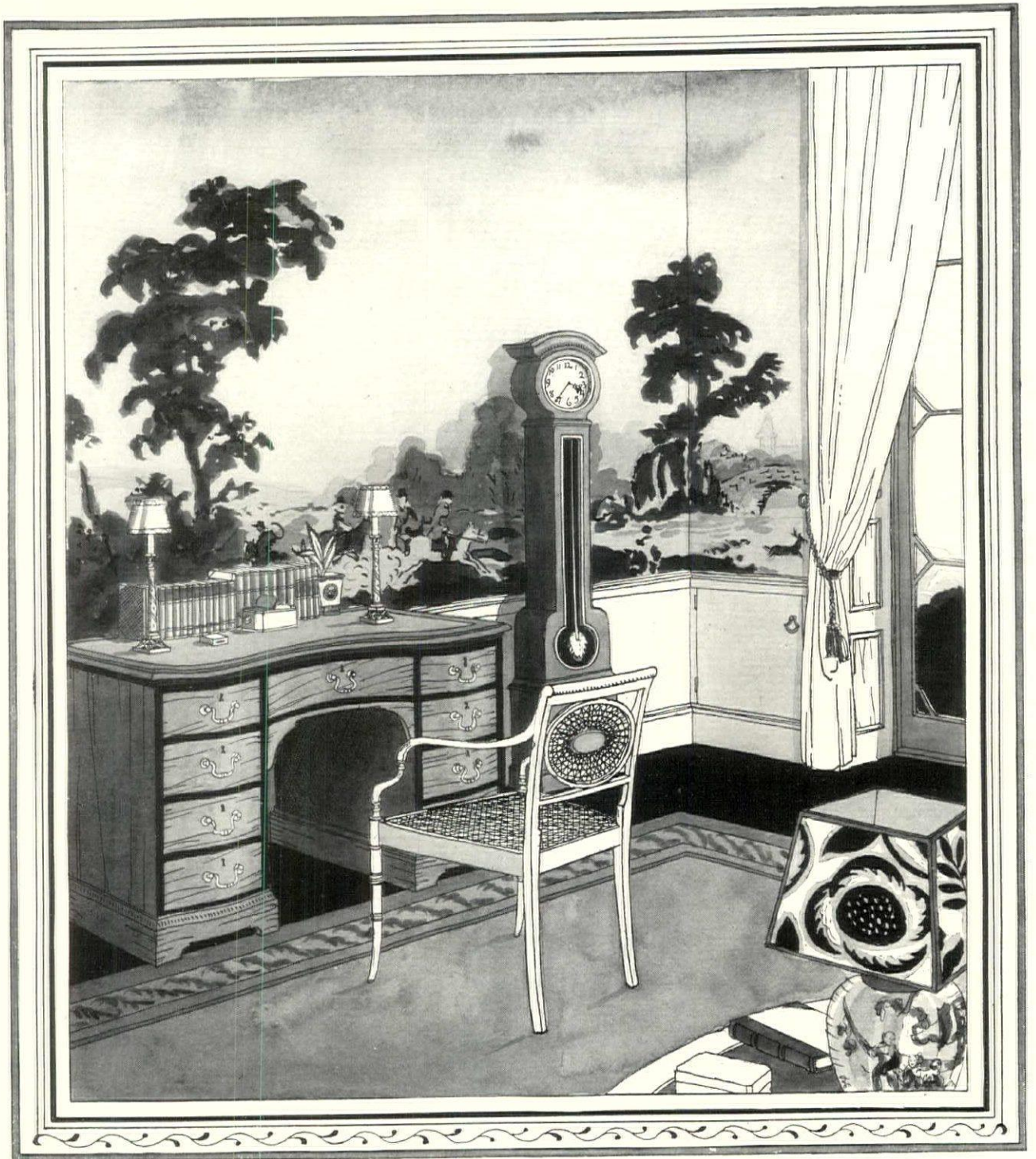


An interesting small game table for a room with dark paneling and early English furniture is of sturdy oak finished with a brown leather top. The oak side chairs are reproductions of 17th Century designs. The furniture comes from Lord & Taylor



Allen Saalburg





*A distinguished group for a small study features a walnut desk with leather top, a graceful French clock, and a red lacquer arm chair with a cane seat and back. The Hampton Shops. The background is a brilliant landscape paper.*  
John J. Morrow

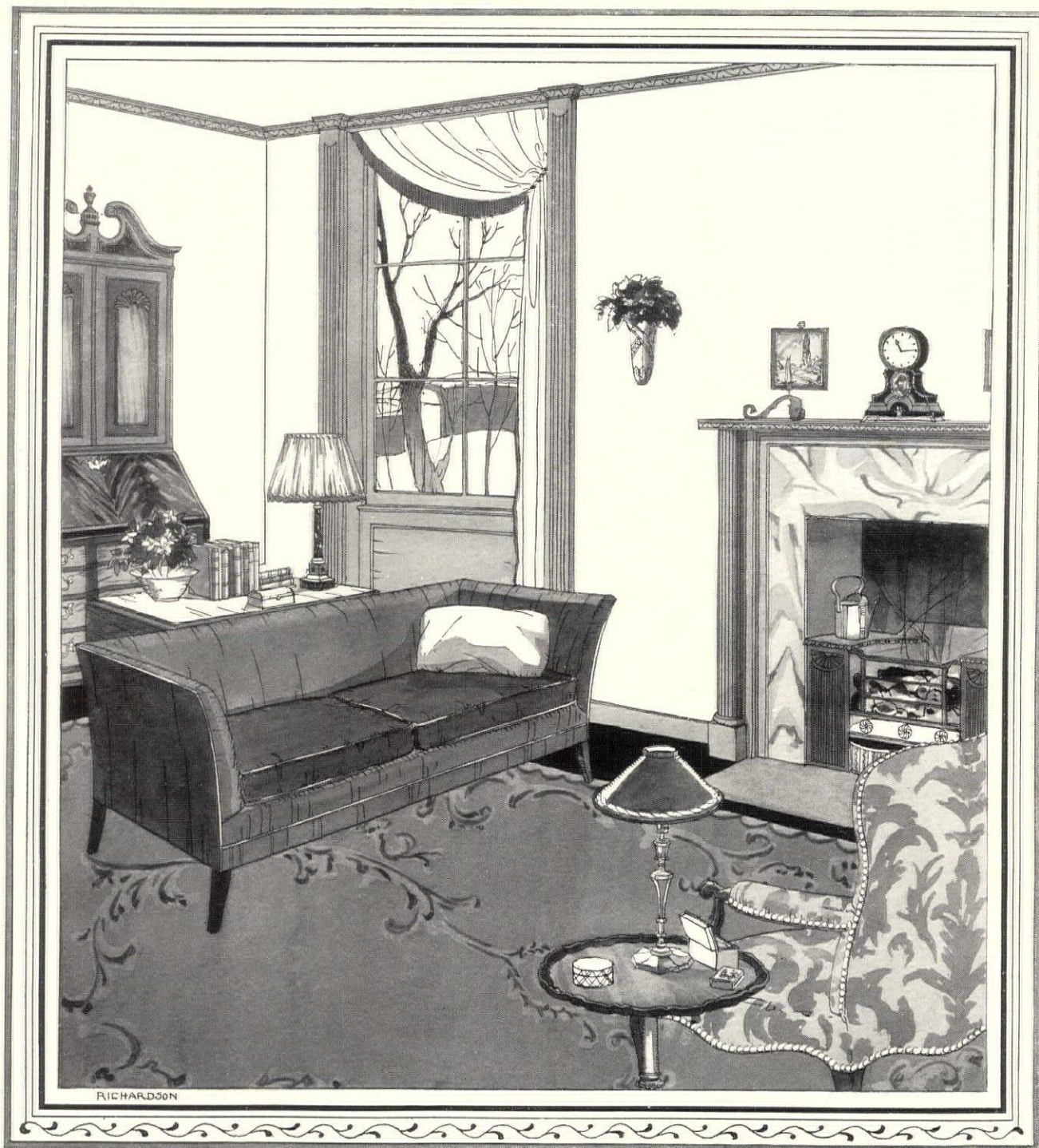
*Flanking a doorway in this room is a pair of well-designed small cabinets of the type shown at the left. These are in red lacquer finish in order to repeat the color of the huntsmen's coats found in the wall paper. Furniture from the Hampton Shops*



*In addition to an overstuffed chair in red lacquer, an arm chair of this dignified type should be included in the furnishings of a gentleman's study. The framework, after a design by Chippendale, is mahogany. The covering is hand blocked linen*

## A GROUP IN A GENTLEMAN'S STUDY





RICHARDSON



(Above) A two-seated sofa with flaring ends is more pleasing in a small drawing room than the regulation six foot type. Equally practical for a small space is a narrow secretary with doors ornamented with shell carving.  
W. & J. Sloane

Sketched above is an occasional table of excellent design. It is mahogany with a piecrust top nineteen inches across. Erskine Danforth. The revolving bookcase after an 18th Century model, measures eighteen inches in diameter.  
W. & J. Sloane



At the right is a wing chair notable for its small size and graceful proportions. The small mahogany table, copied after an early American candle stand, has a top measuring sixteen inches square. Both pieces are shown by courtesy of Erskine Danforth

FURNITURE FOR SMALL ROOMS





Harvey

*A number of native elements are combined in this fireplace at Laury, N. M.—the arched opening, the design around the opening and the stepped shelves*

## THE HEARTHS OF SANTA FÉ

SINCE the simple Indian and Mexican homes in the Southwest are among the few remaining habitations where the furnace man is still unnecessary, the fireplace there retains its ancient pride in being the most important place in the house. Built of adobe bricks and plastered on the inside as well as the outside with mud, the walls of these houses are from two to four feet thick. This insures cool rooms in the summer and, with the glow of a few Piñon

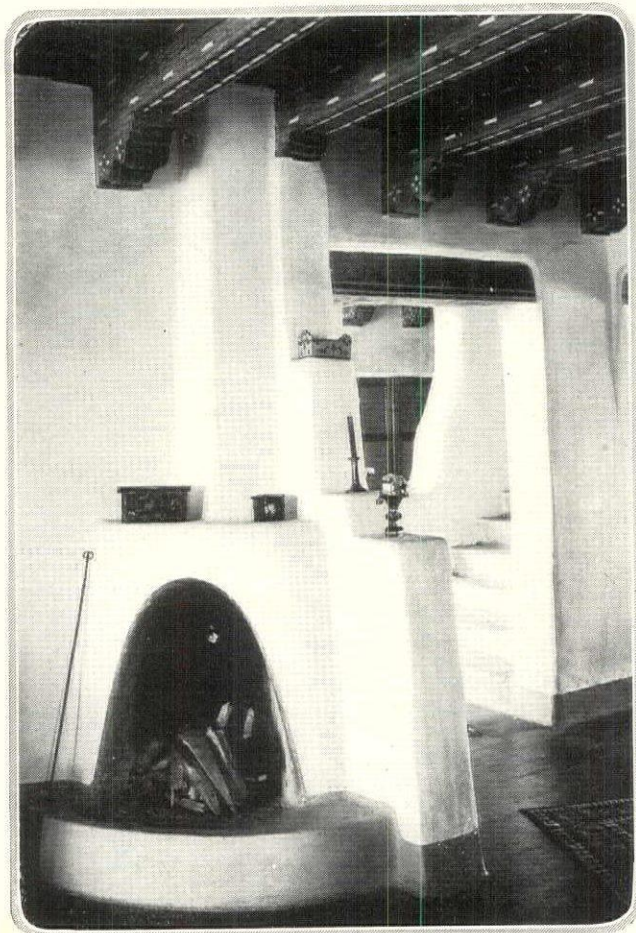
*From the Adobe Homes of Indians and Mexicans Comes Inspiration for Unusual Fireplaces*

RUTH LAUGHLIN BARKER

sticks, a warm dwelling in the winter. Beauty costs less in the Southwest than anywhere else in our country. The poorest

man may build a fireplace from the adobe clay in his own backyard and model it as a potter shapes a vase. Firewood in the shape of Cedar and Piñon trees dot the red foothills as thickly as the stubble on a tramp's cheek. For a nominal fee the *lenador* may gather enough wood in one sunshiny morning to load on several patient burros and supply the wood box for a month.

When the Spanish ancestors of these  
(Continued on page 118)



*(Left) A line of tierra amarilla or colored clay follows the curve of the conical opening in this corner fireplace and extends around the base of the room. In the home of Carlos Viera*

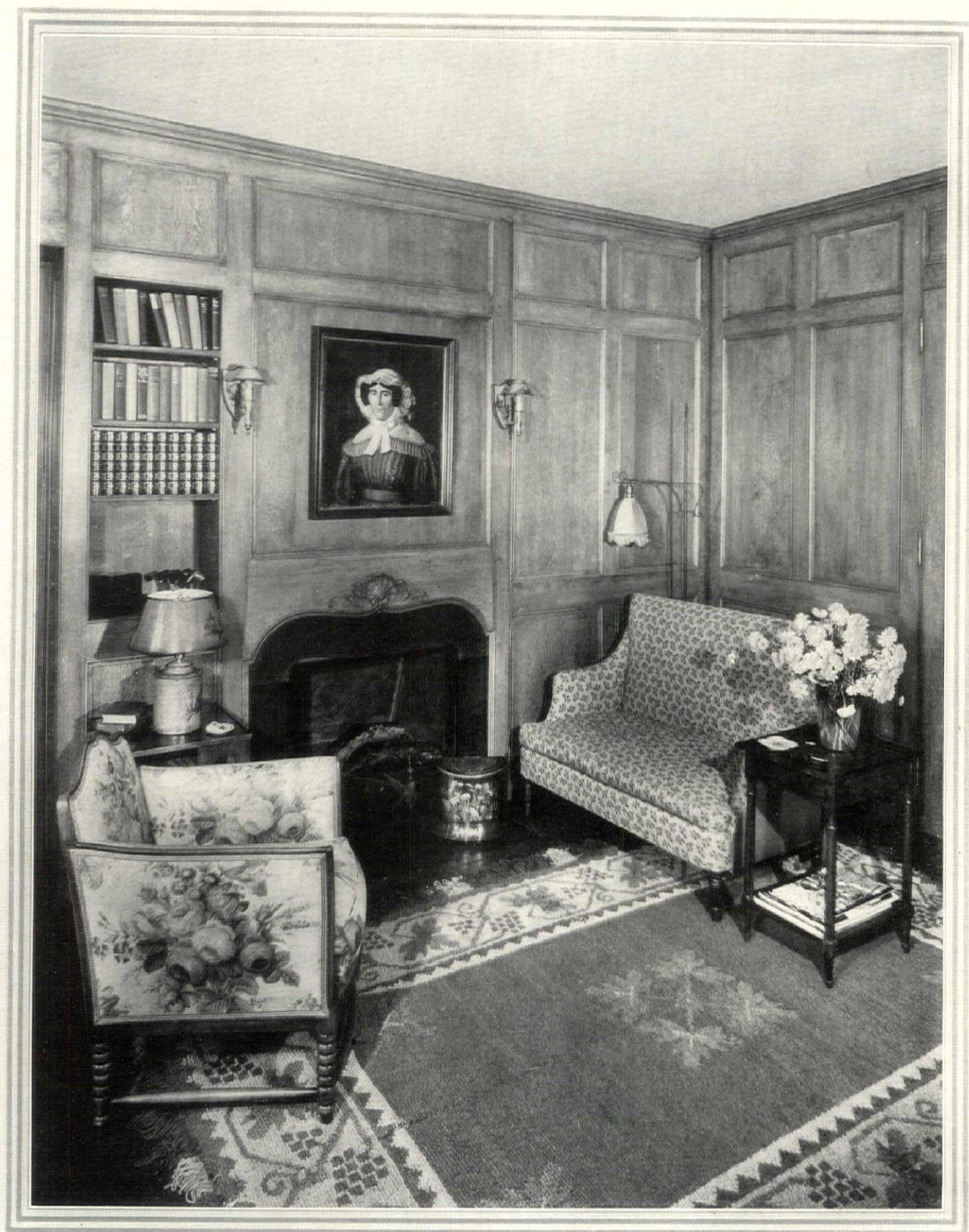
*The conical opening and raised hearth, reminiscent of peasant kitchens in Spain, are features of these fireplaces. The hearth of this one has been cut to allow easier handling of the ashes*



Parsons



# A LITTLE PORTFOLIO *of* GOOD INTERIORS



Hewitt

*The rooms shown in the Portfolio this month are in the residence of Mrs. Ira Richards, in Locust Valley, L. I. Above is a view of a pine paneled library showing comfortable overstuffed pieces covered in bright prints. The rug is old Spanish. Thedlow, Inc., the decorators; Bradley Delehanty, architect*





*An unusually interesting wall treatment distinguishes the entrance hall shown above. Motifs inspired by the designs of old toiles are painted in naturalistic colors on a pale peach ground. The artist was Hanley Henoch*

*Green chintz patterned in a gay design of Hollyhocks curtains the bay window in the library. Other brilliant color notes are found in the checked and flowered chair coverings, and in the red, green, and yellow Spanish rugs*





*A charming small dining room done in the French provincial manner reveals an interesting end wall treatment. The wide china shelves, with their graceful curved valance boards, were originally a pair of old Brittany beds*



*French provincial furniture and a delightful color scheme distinguish the living room. Against green blue walls hang peach percale curtains finished with red tôle cornices. The carpet is plum patterned in large flowers*



# SPANISH LANTERNS OF HISTORIC STYLES

*Beginning with Gothic and Romanesque Days These Lighting Fixtures*

*Have Passed Through Many Period Changes*

MR. and MRS. G. GLEN GOULD

ANDALUSIA is far from being the whole of Spain, and the Andalusian lantern is not the only lantern that is Spanish. But so prolific did the trade in ornamental tin lanterns become in the 18th Century in southern and central Spain, especially Toledo, that when one speaks of a Spanish lantern instantly there comes to mind some delightful example of that skilful combination of glass and tin in complicated geometrical arrangement, typically Andalusian. Spaniards made good use of such of their Moorish converts in Andalusia as preferred Christianity to Africa when the Moors were expelled from Spain, and this fact is as evident in lantern making as in house building.

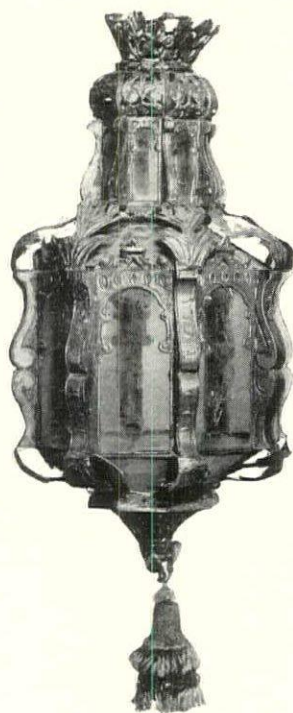
Lanterns, as part of the builder's work, go far back into Gothic and Romanesque days in Spain. Where there was no street or highway lighting, lanterns at the house door were indispensable if that door were at all pretentious, particularly if it were of a civic character. Lanterns for domestic use in the patio, vestibule, or hall were even

more of a necessity and were found alike in palace and cottage. The ancient Spanish *candil*—that simple oil pan with a handle—was easily converted into a lantern by adding a protecting sheet of pierced metal. In fact, such lanterns were used in stable and kitchen very anciently in Spain. The Moorish hanging lamp also, made of pierced metal work however superb, was practically a lantern though glassless. But the interesting history of lantern making as an art in itself really starts with the 16th Century, which means the Gothic days of art in Spain with the Renaissance influence spreading slowly from Italy.

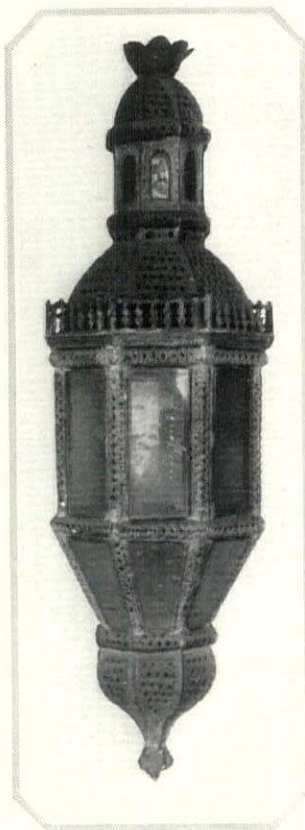
Ironwork, Spain's greatest handicraft, was at its height; so was her silversmithing. Glass was being made in Barcelona—in the northeast, always in pretty close touch with Italy and her Oriental trade—and imitated the work of the Venetians. It was also made in Toledo. Brass work was a Mohammedan heritage. Bronze work, occasionally in Italian style during the Renaissance period, also had a traditional mem-

ory of the Moors of early days. Silver and goldsmith's work, alas, is little more than a memory in Spain, having gone into the melting pot—largely Napoleon's in 1810. This leaves brass and bronze, beloved of the Moors; iron, Spain's glory; and finally tin as the metals which framed her splendid and often fantastic glass conceptions—those *farols* still so cherished that they are found in every house in Seville. Indoors they hang from a single heavy red silk cord or stand on red poles. The old pole lantern, used to light the way at night or in processions, is now often mounted on a base of marble or other stone. Hanging lanterns sometimes swing from metal brackets, and flat-bottomed lanterns are placed on tables.

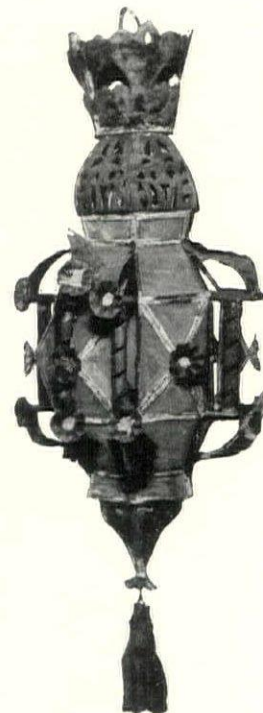
The period styles associated with Spanish lanterns of the 16th, 17th, and 18th Centuries are the *Gótico*, *Mudejar*, *Renacimiento*, *Barroco* or *estilo Churrigueresco*. All of these styles may be found in lanterns of a later make, as curiously combined as in a picture puzzle. There is one fine quality which Spanish lanterns possess whenever



(Below) The typically elongated outline is found in this polychromed tin farol of the 16th Century from Saragossa. There is Moorish influence in the piercing and dome. Courtesy of P. W. French & Company



Solid scrolls take the place of turrets, as in some earlier types, but the leafage and other ornaments are Baroque in this 17th Century farol. From P. W. French & Company



Both Mudejar and Renaissance influences are evident in this farol of the 17th Century. Note the floral ornament and pierced dome and crown. P. W. French & Company



*Mudejar* influence is seen. However debased the design, however finicky the ornament, if the top or bottom is finished by a curved outlining as of a Moorish dome, the modeling of this dome is exquisite because inherent and traditional with its workman. It may be the only really beautiful element in an otherwise ugly lantern. East is East and its very persistence insures beauty.

We find Saracenic decorative influence in Sicily and in Italy, and it is sometimes prominent in an Early Italian lantern. But Italy always had Saracenic art second hand, or through occasional imported workers. The Saracens, in this case the Moors, were actually on Spanish soil, and as long as any of them remained, their inherited craftsmanship and design were in evidence.

Three points are prominent in the designs of Spanish lanterns: their architectural character, the Lily, and the crown. Their window-like openings, when of any architectural pretension, are apt to be Moorish: either a single or triple arch, or the favored Moorish window—a double arch divided by a single slender column.

Another Moorish element is the subtly beautiful double or S curve of the mosque

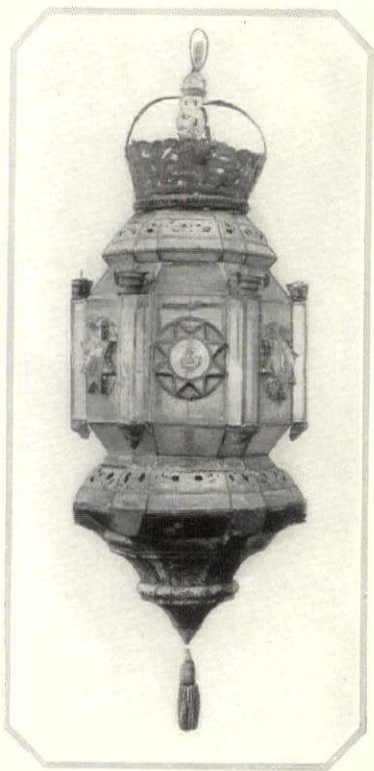


*A gilded tin finial of the 15th Century, with pierced metal top in the Moorish style. Courtesy of Baguis, Inc.*

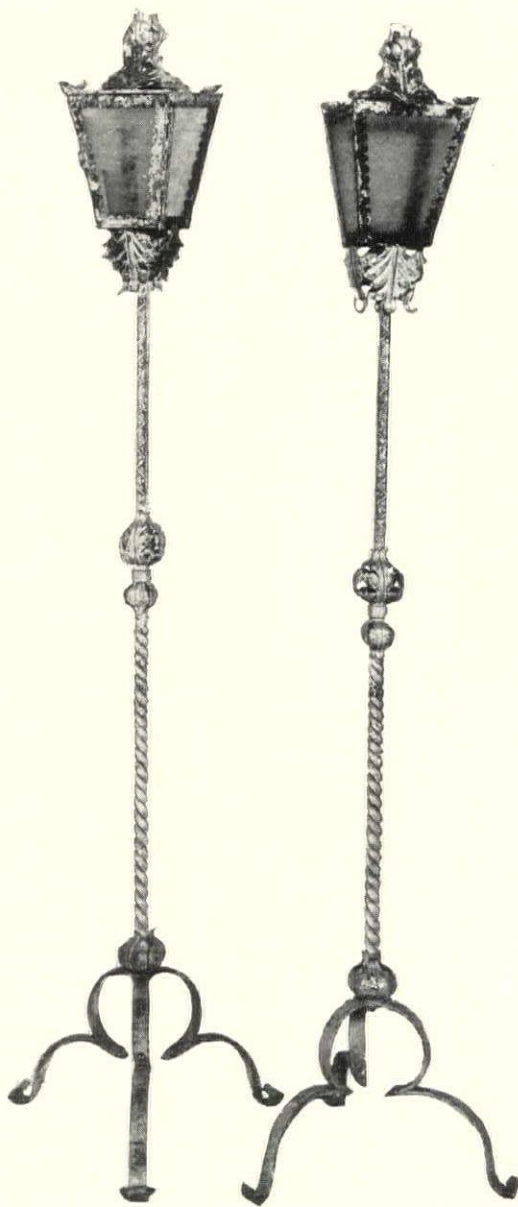
dome, found in both the tops and bottoms of lanterns, and occasionally at top and bottom of the projecting *torreones*—turrets, at the angles of the *faroles atorreonados*—or turret lanterns. The domed outline of the Christian cathedral is not lacking in some models, as well as the Lily, emblematic of the Annunciation of the Virgin, and the crown, claimed by the Church as the Pontifical Crown, but probably as often intended for the crown of royalty. Another architectural motif is the baluster railing, reminiscent of the Spanish balcony; while most characteristically Spanish are the *torreones* which persisted almost to the point of absurdity in some late 18th Century models.

In decoration, the glasswork is apt to be geometrical and Moorish while the metal ornament is the Gothic Lily, the *Mudejar* arabesque, the Renaissance Acanthus, and the potted plant of the *patio*. The elaborated tassel, beloved of the Saracens on their horse bridles and accoutrements, adorns all later examples and has become for us, as for Spaniards, a part of them. So established is the tassel habit in Spain that even bed linen is felt incomplete without

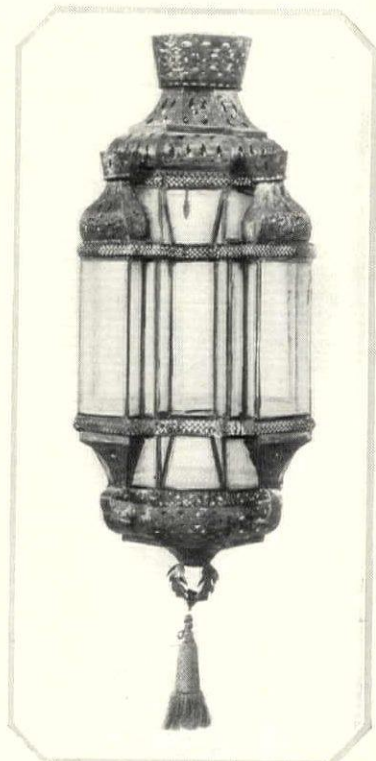
*(Continued on page 146)*



*A turret lantern with flower pots as the turret ornamentation. It is a common 17th Century example. Shown by courtesy of the American Art Association*

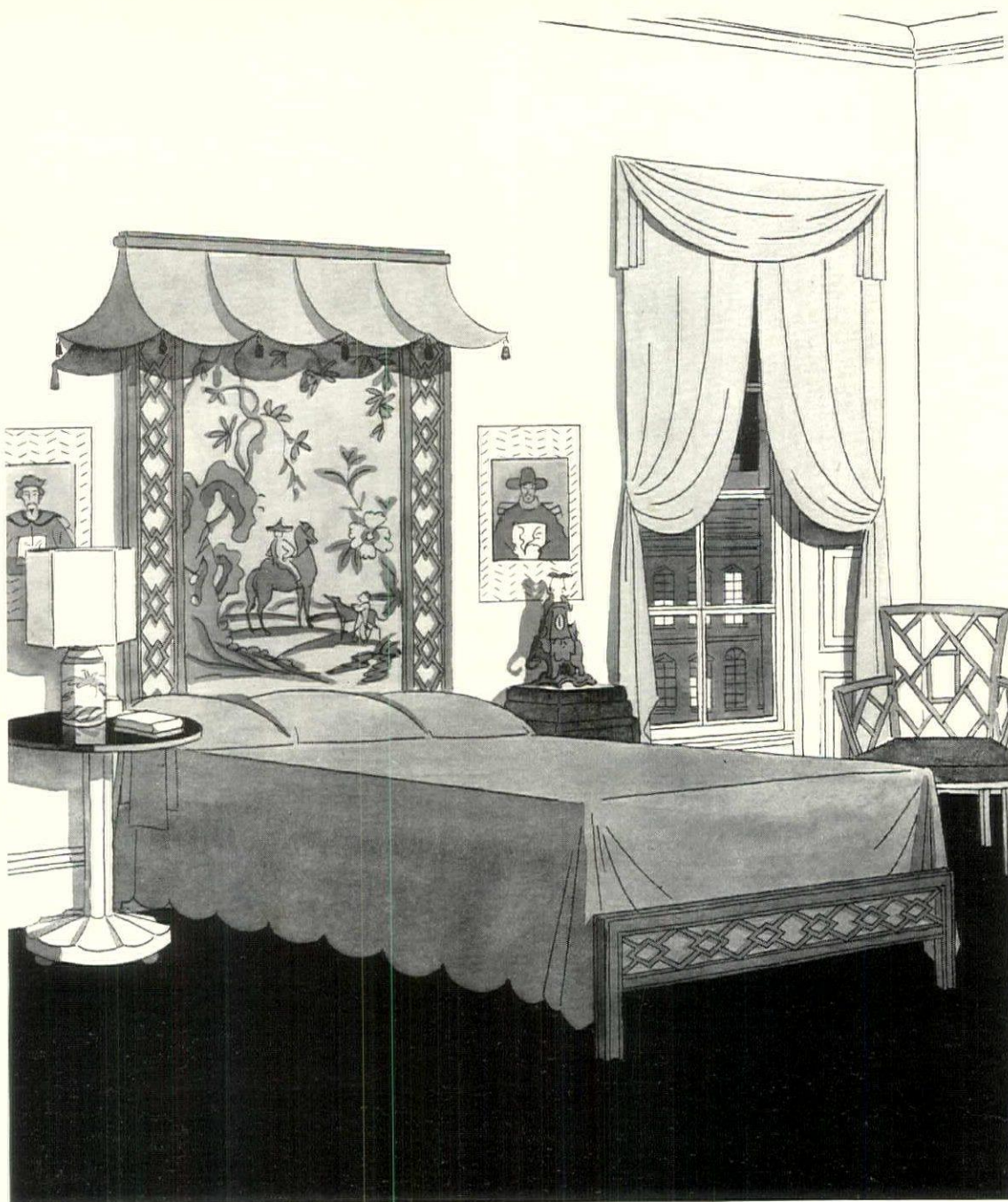


*This pair of 17th Century tin faroles is set on iron standards and both lantern and standards are gilded. The tripods are late Gothic. From P. W. French & Co.*



*An 18th Century development of a 17th Century model, showing the Saracenic and Renaissance influence in lantern design. American Art Association*

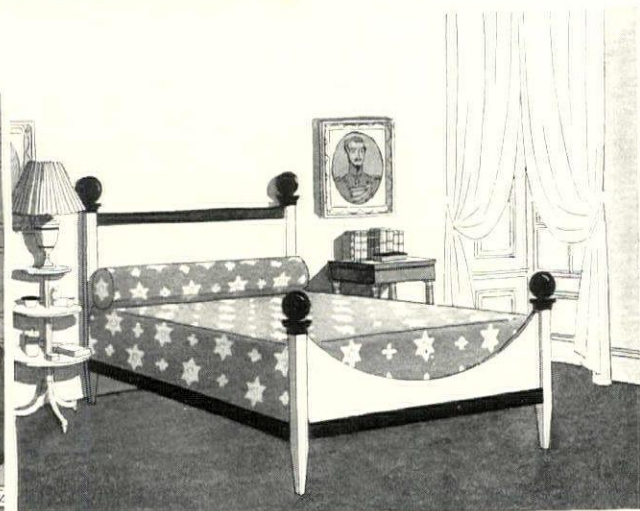
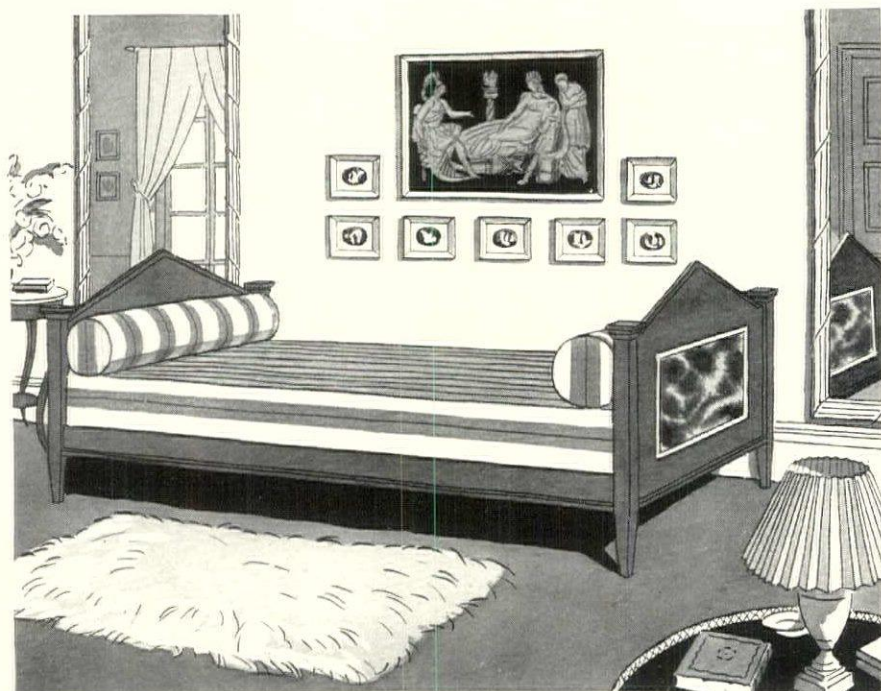




## SIX ORIGINAL DESIGNS

*In addition to being decorative, these bed designs are unusually practical. Each of the models illustrated can be executed by any competent cabinet maker. The headboard at the left is a panel of Chinese paper framed in lattice. The canopy is painted tin*

*The modernist look of the bed below is due to the contrast of black and white. Head and foot-boards are white. The decoration consists of stock moldings and wooden globes lacquered black. The beds shown were designed by H. Erskin*



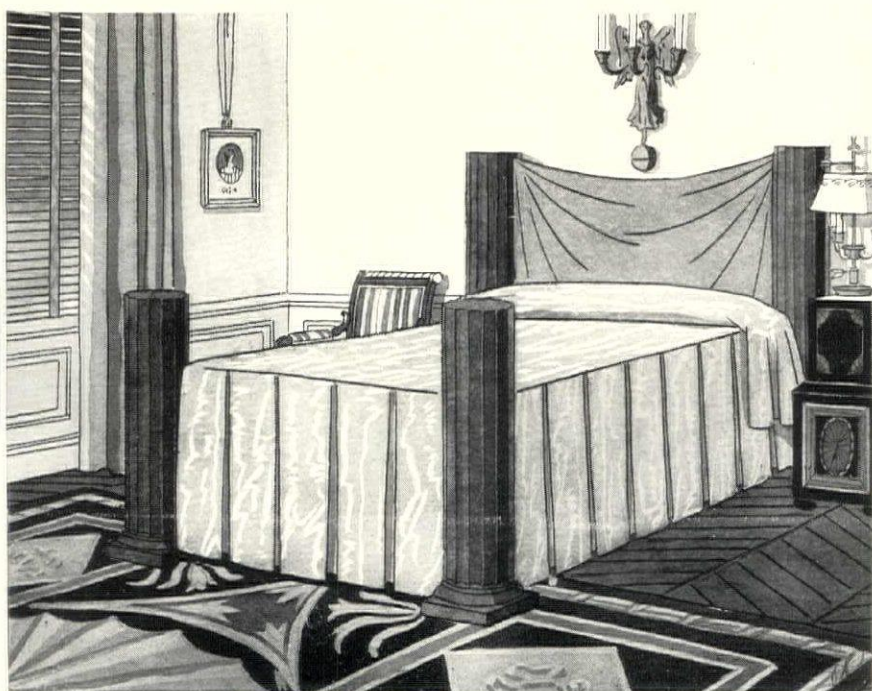
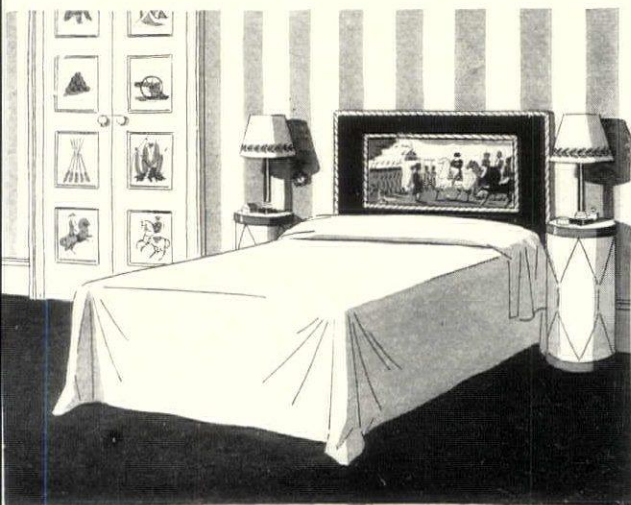
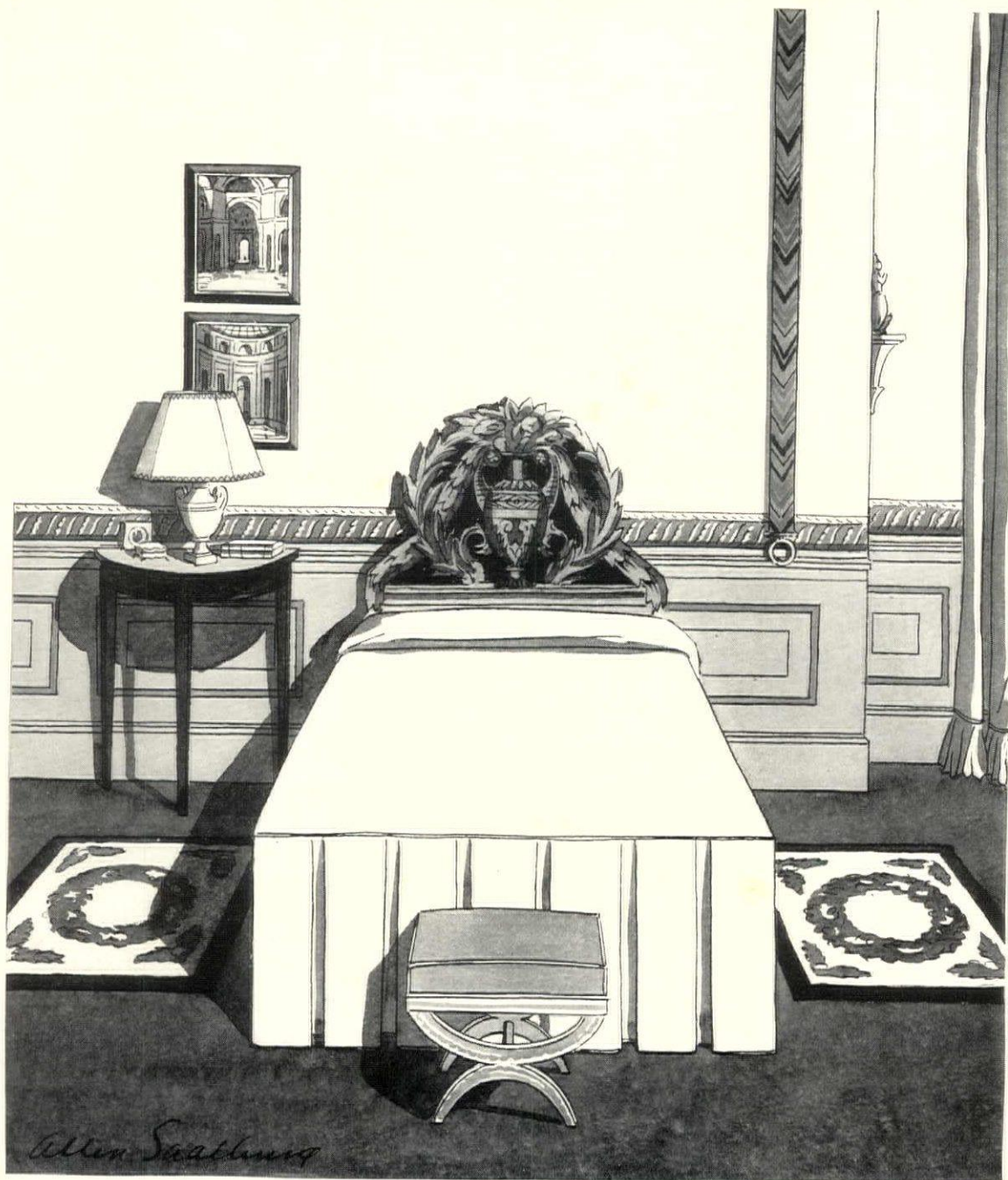
*The panel in the footboard of the bed at the left is made of composition tortoise shell framed in narrow molding. If preferred, a piece of marbled paper or a section of toile may be used. With the tortoise shell treatment, the bed is painted in chartreuse color*



# FOR UNUSUAL BEDS

The novel and decorative head-board of the bed shown in the sketch at the right can be made of a wallpaper motif, a flower painting, or a piece of ornamental fabric. The material is mounted on wood and the edges are then cut out with a scroll saw

The treatment sketched below calls for a colored print, a piece of toile or a section of interesting wallpaper. This is framed in rope molding painted a contrasting shade from the surrounding wood. The doors also reveal an interesting use of prints



The posts of the bed sketched at the right are made of stock wooden pillars sawed off at the required height and equipped with slots for the side rails. They may be painted black, bottle green or black-brown. The spread is moire made with a box pleated flounce



# PINK FLOWERS IN THE ROCK GARDEN

*Quite a Range of Varieties Contributes These Tints and  
Tones from Early Spring until Autumn*

LOUISE BEEBE WILDER

**P**INK flowers, devoid of a more or less strong admixture of blue or violet, are not very numerous. The magenta sisterhood is legion-strong and many of them are lovely; but they are in bad repute and the effort here is to make note of a few plants whose flowers, save in a few favorite and not very grievously sinning cases, follow a gay and dainty scale from blush to pure carmine-pink. Choice bits of finery, these, for the ornamentation of our rock gardens.

Among the spring-flowering bulbs are very few that come within the scope of our present interest. Perhaps the very prettiest are the two California Troutlilies, *Erythronium johnsoni* and *E. revolutum* Pink Beauty. The one has bright, candy-pink, smartly reflexing petals, and the flowers of the other are shell-pink with a central zone of gold. Both of these are delightful additions to the spring rock garden and bloom early. (For culture and other varieties see House and Garden for October, 1926).

There are of course many Hyacinths decked in the most luscious tones of pink, but these rotund and sophisticated beings have no place among our small mountain citizenry. Both Spanish and English Bluebells, however, have pink varieties that rightfully find a place in the rock garden. *Scilla campanulata* (*hispanica*) Rosalind carries full heads of blush-colored bells, while *Scilla nutans* (*festalis*) Blush Queen hangs its shepherd's crook stalk with smaller shell-pink chimes. There is a form of *nutans* called *rosea* whose deeper-toned blossoms approach the magenta danger zone but are not frank enough about it to be of definite value. I will mention here a little autumn-blooming *Scilla* called *autumnalis japonica* that

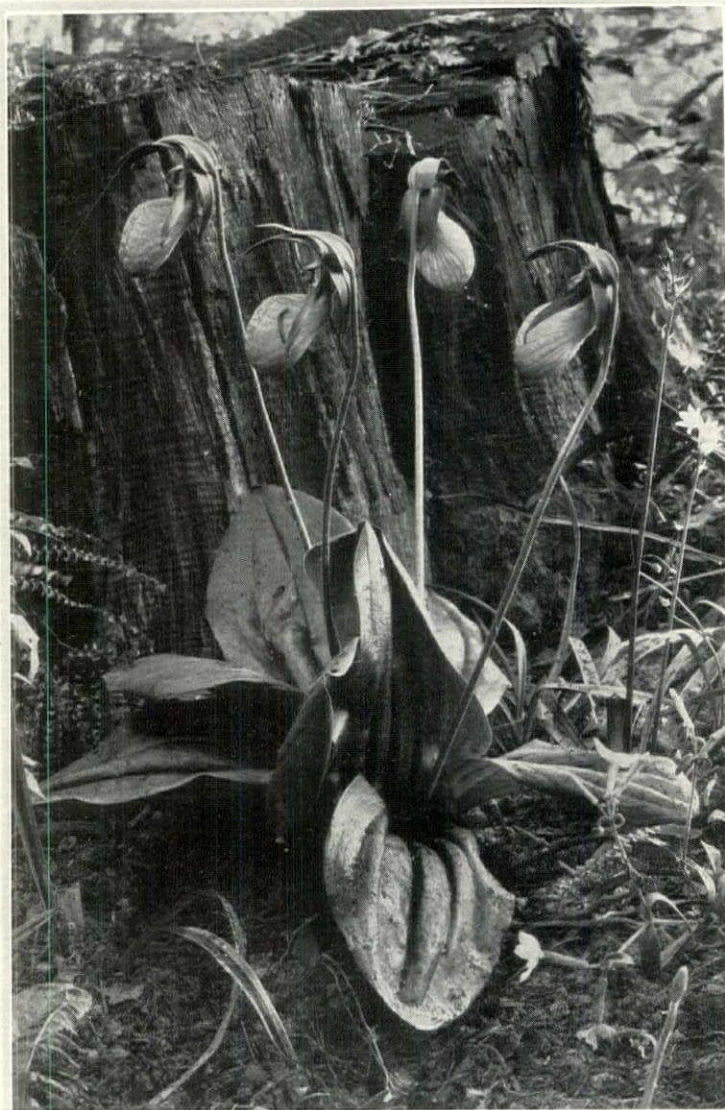
produces a six-inch stalk of bright rose-colored flowers. Not a very good pink but admissible because of the season.

Among botanical or wild Tulips we have: *T. saxatilis*, a real charmer, pale pink with a splash of yellow at the center; the Lady Tulip, *T. clusiana*, with crisp stripes of bright carmine-pink and white; the Waterlily Tulip, *T. kaufmanniana*, whose creamy petals are boldly flashed with carmine. All these give their blossoms at a very early season and are of the greatest

charm and value. They are for sunny, sheltered places in a sweet, well-drained and limey soil. A summer-flowering bulb of great attraction is *Zephyranthes carinata* that our English cousins call Flower of the West Wind. The color of the large Crocus-like blossoms is a fine pink. Its relative, *Z. rosea*, blooms in the late summer and autumn. Being natives of Mexico and other beneficent climes they are a bit tender, and persons living north of Washington must take them up and store them in a frost-proof place at the approach of winter—preferably, say the wise ones, in damp sand.

Some of the hybrids of the Lenten Rose, *Helleborus orientalis*, have delightful pink blossoms, and as they are borne in March on long stiff stems it is very pleasant to have them. The true Christmas Rose, *Helleborus niger*, is pure white of the most glistening quality, but *H. altifolia*—often sold for it—has blossoms that open pale blush and gradually turn a quite bright pink on the under sides of the petals. They bloom in November and December. If small frames are put over the clumps the waxen blossoms will be preserved from injury by storms and frosts. They are shade-loving plants and consort well with Hepaticas and Ferns and Wood Hyacinths where the soil is deep and rich.

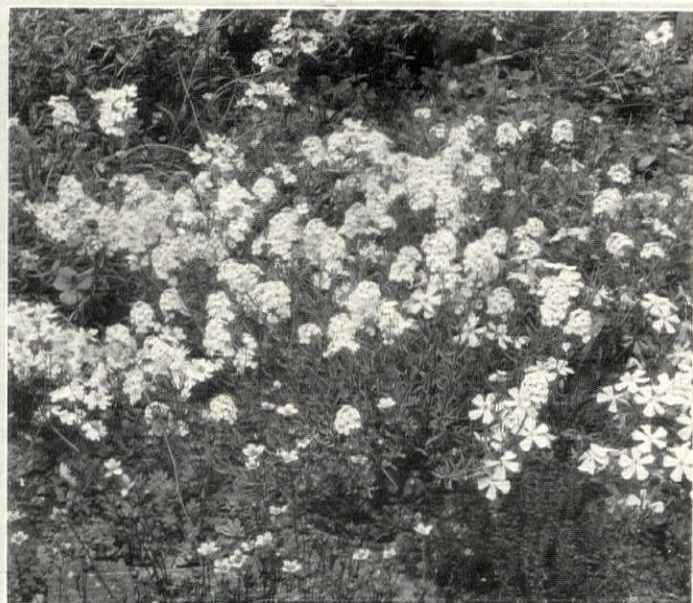
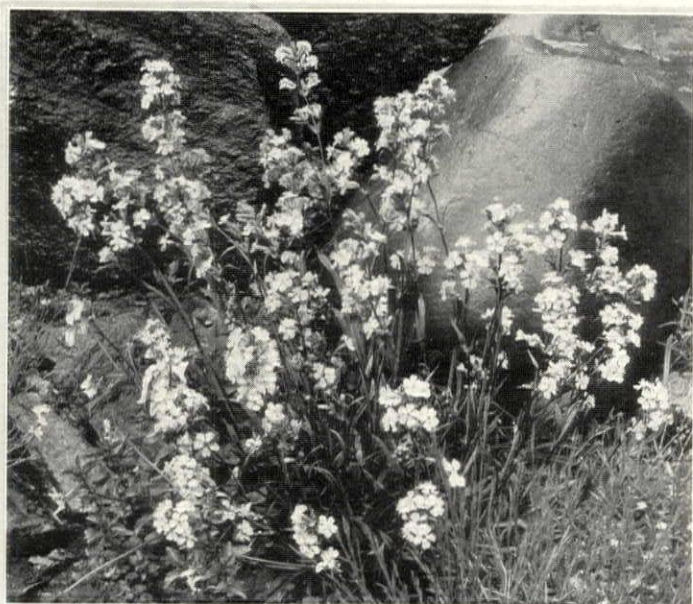
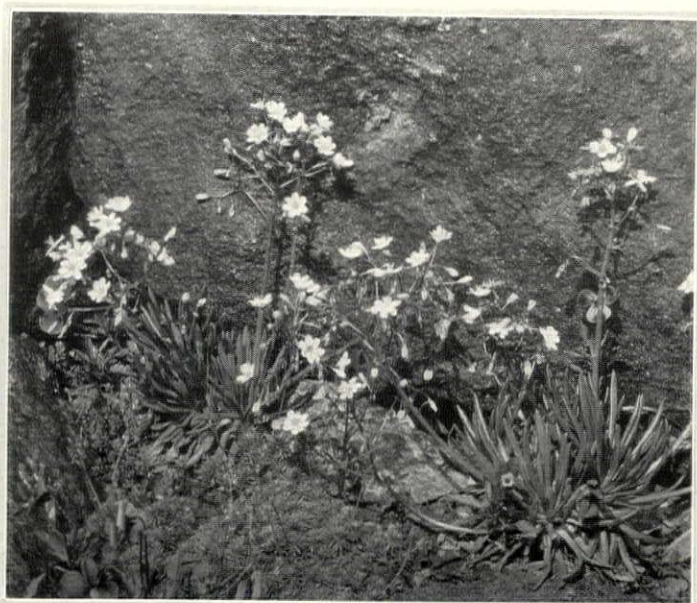
Of familiar native early-blooming plants whose pink blossoms would grace any rock garden there are a number. There are dainty pink Hepaticas to be gathered from any woodland assemblage; there is the Spring Beauty (*Claytonia virginica*); the exquisitely fragrant Trailing Arbutus (*Epigaea repens*), whose soul is satisfied only with a definitely acid soil—one made up of rotted Oak (Continued on page 124)



Healy

Toward the end of May appears the pink Ladyslipper, *Cypripedium acaule*. A native of acid soil, it asks for rotted Oak leaves and Pine or Hemlock needles and white sand. Planted under the lee of an old Chestnut stump or a rotting log, it returns with its pink beauty each spring. It needs protection and should be procured only from growers





Reading from the top down, we have *Geranium cinereum*, with gray leaves and pale flowers lined with pink; *Androsace sempervivoides*, a tangle of dainty flowers on thread-like stems; and *Androsace primuloides*. The *Geraniums* want a light, sandy soil and the *Androsace* a warm sandy slope

In this column first comes *Lewisia leeana*, a native of the California mountains, desiring a sandy leafmold; then *Lychnis viscaria*, which is apt to run toward the magenta tones; and finally *Aethionema persicum* and *Silene pennsylvanica* (right corner), which flowers freely during May





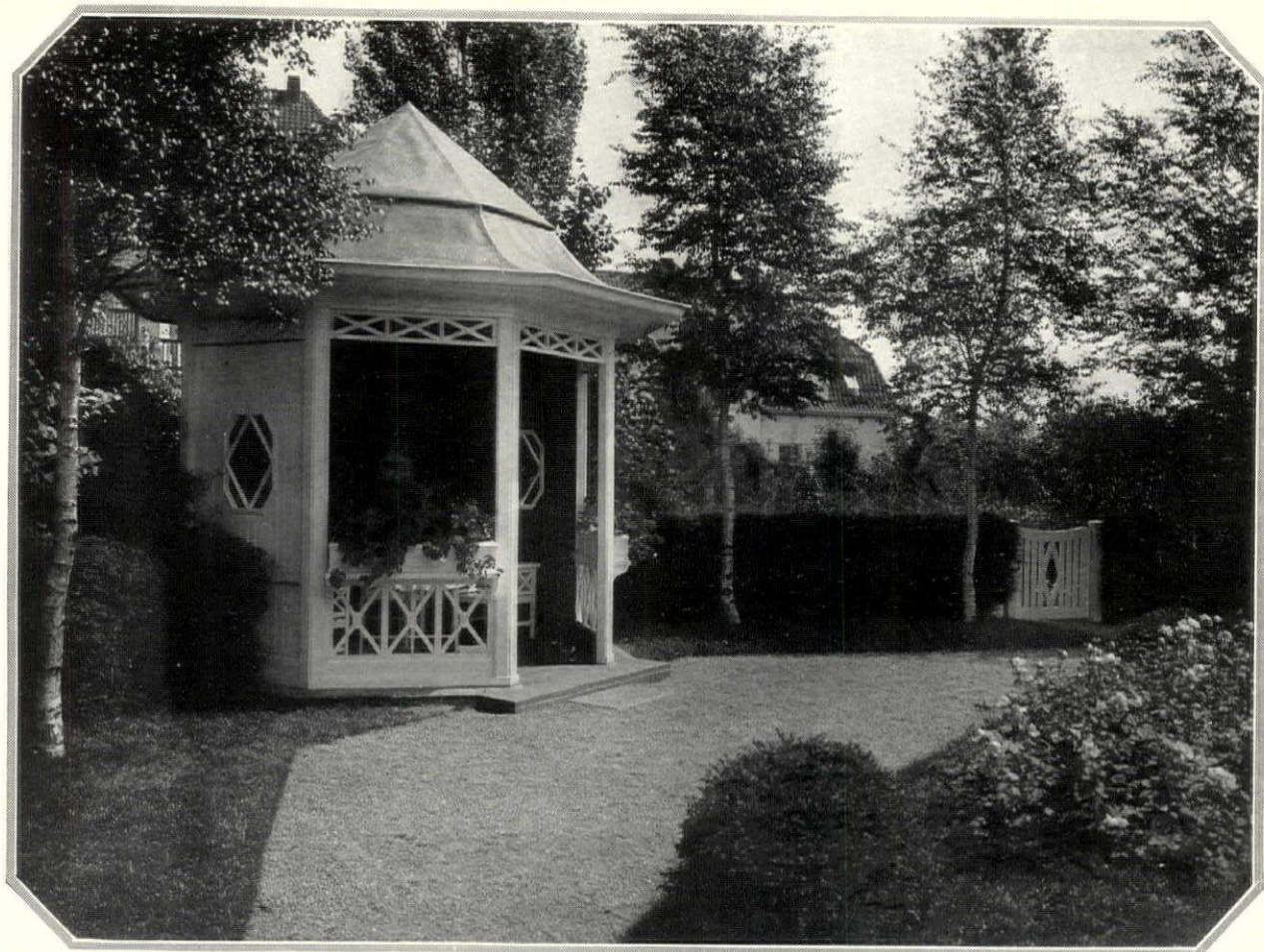
*Views on these pages show gardens in Bremen, designed by Fr. Gildemeister, a German garden architect. Here, behind an old orchard, a flat area has been hedged and laid out to formal beds*

## GERMAN GARDENS

*The Germans are eminently successful in their garden furniture. The sun design of this white seat set in a clipped embrasure serves to terminate the path through a garden of perennials*

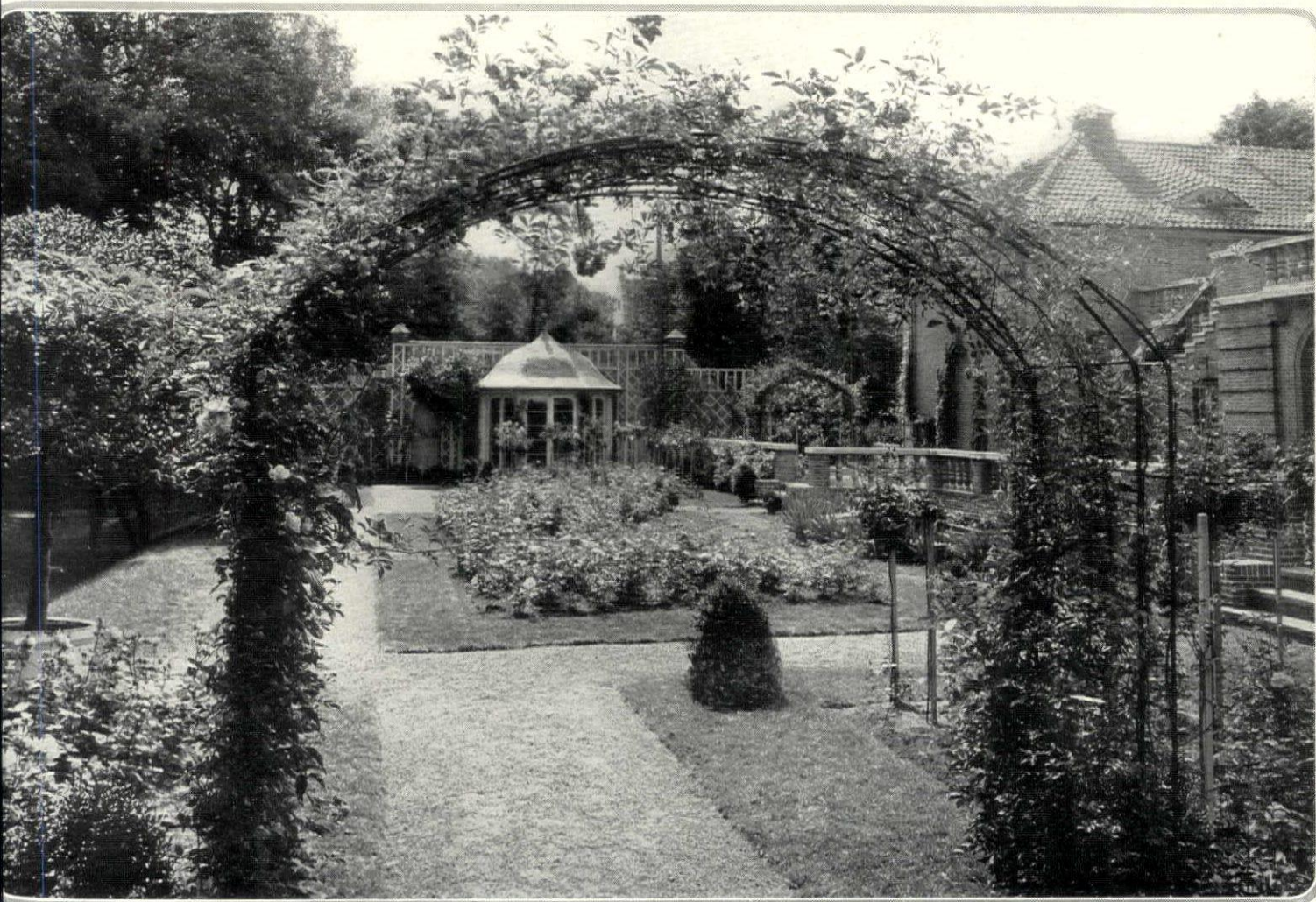






*Because they actually live in their gardens, the Germans have raised the designing of summer houses to a fine art. In both of the gardens on this page are examples—one set in a hedge and the other backed by a high latticed wall*

*Below is shown a comfortable little town garden with its house terrace leading down to the level of the Rose borders. Standard Roses are used for color accents, together with Baytrees in boxes and occasional evergreens*





# THE WORLD'S TEN MOST USEFUL HERBS

*For His Food, His Clothing, His Shelter and the Forgetting of His Troubles, Man Has Depended on These Ten*

ERNEST H. WILSON, V. M. H.

FROM the dawn of man's history to the present time the herbs of the world have furnished the human family with essential foods. No part of the world, save deserts and polar regions, is without some useful herb, and man in his migrations has carried those most important to him wherever he has wandered. Many hundreds in all serve him; it is no easy task to select the ten most important.

What the discovery of America meant to the Old World and how it enlarged man's diet may be well imagined if it be realized that America is the home of the Common and Sweet Potato, of the Maize or Corn, of the Pineapple and of that fragrant, soothing herb, Tobacco. Wheat, like Barley, Oats and Rye, its poor relations, is probably of western or central Asian origin. Rice, Banana, and Sugar-cane are indigenous in the tropics of southeastern Asia, and the Soy-bean of the Orient at large, but in no instance can we point to the particular home of any one of these ten selected herbs. Moreover, in spite of man's many inventions, these ancient plants are still of vital importance to him. Through the ages man has vastly improved them,

found wider uses for them, but he is as dependent upon them as he ever has been. With all his cleverness he has found nothing to take their place in sustaining life upon the planet.

Mankind's most important foodstuffs are undoubtedly the cereals Wheat, Rice, Maize, Oats and others—the great protein-yielding plants. The cereals are all members of the Grass family and have been cultivated by man from the dawn of his-

tory. Originally, no doubt, they were wild plants which attracted attention owing to the comparatively large quantities of foodstuffs they yield, the ease with which they could be cultivated and their edible qualities. In the majority of cases today the original forms are no longer known and, as is common with plants long cultivated in many lands, innumerable varieties have been evolved as the result of conscious and unconscious selection by man, of forms which appear most desirable for some particular quality. The very name, *cereals* or *cereal*, indicates the great value attached to them in early historical times, for they are so called after the goddess Ceres—the patroness of agriculture and of all the fruits of the earth.

Throughout the temperate regions of the world are found a considerable number of Grasses, either wild or cultivated, or escaped from cultivation, which are sufficiently alike for botanists to group together into a single genus and to call them all by the old classical name for wheat, *Triticum*. The best known of these is Couch or Twitch-grass, a troublesome weed in cultivated

(Continued on page 130)

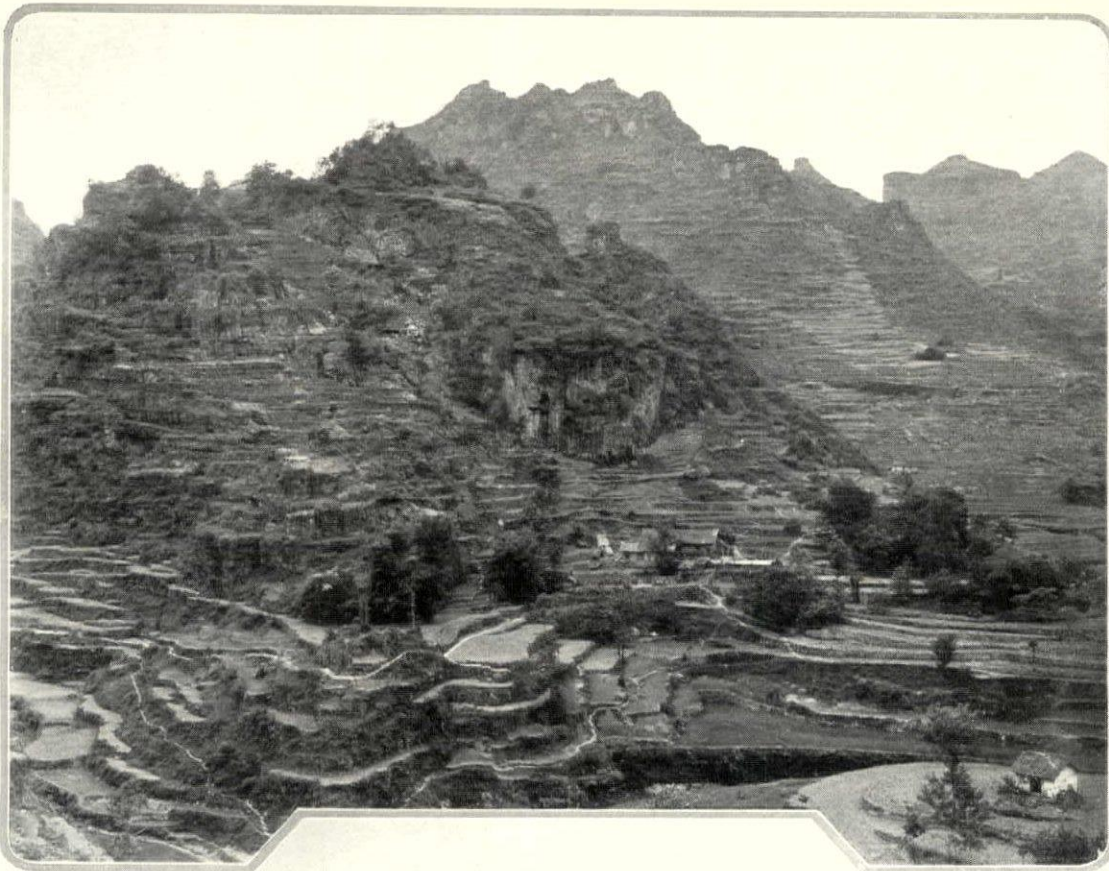
*In the history of Wheat may be written the history of mankind. It has been his staff of life from the beginning. Without it the race would doubtless perish*



*A relatively late-comer. Tobacco serves nobly to soothe the mind. It is a kin of the Potato. Tobacco found its way from America to Europe through Spain*







*The terraced Rice paddies of China may be classed among the world's wonders. Water to flood these terraces is laboriously pumped up by hand*

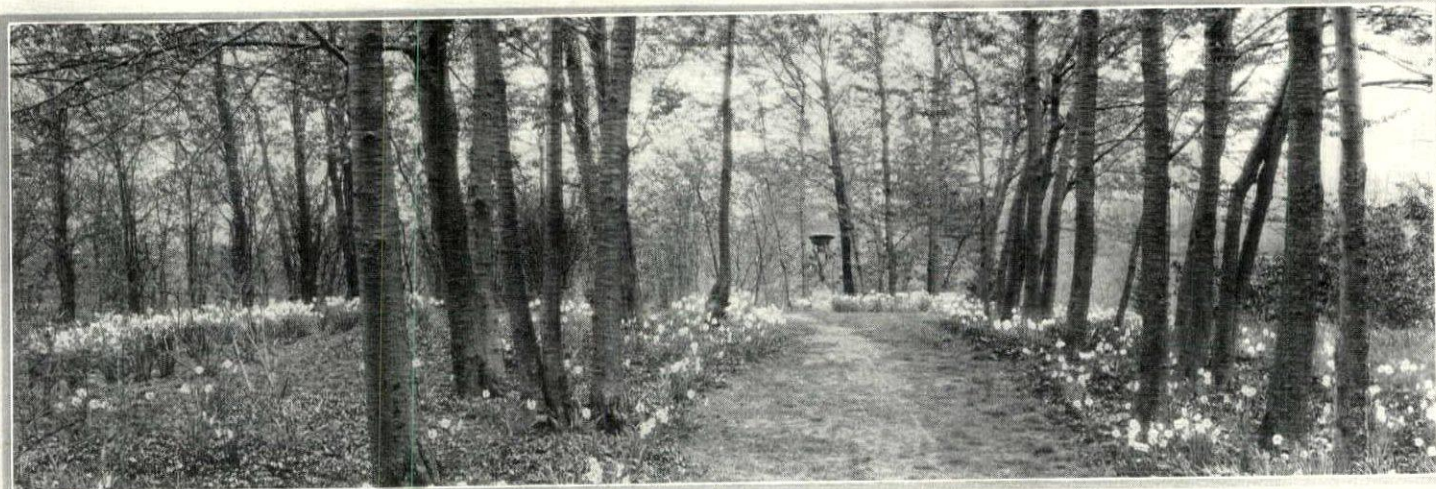


*Natives planting Rice in a paddy in China. Asia is the most important Rice-growing area of the world. The cultivation is tedious and exacting*

*A field of Sugar Cane. It is a perennial grass universally cultivated in the tropics. Southeastern Asia is supposed to have been its native heath*









## BRINGING DOWN THE MILKY WAY

*(Opposite, above) Through open May woodlands the Poet's Narcissus troops in snow-white bands, radiant in the filtered sunlight and tingeing the air with the subtlest of flower perfumes*

*As edgings for informal paths, in either sun or shade, ribbons of Narcissi fill a niche peculiarly their own. Single or double, long-cupped or short, they are of the very essence of the Spring*

*Where broader open spaces obtrude, massing of the bulbs is often desirable. If similar types are grouped together the effect will be more pleasing than where many forms are intermixed*

*Successful naturalizing might be characterized as studied carelessness. Formality should be forgotten, yet the bulbs must be distributed with a certain evenness and following a determined plan*

*With Narcissi the flower lover completes some of his finest springtime pictures. These photographs were taken on the Long Island estate of James F. Burden. Olmsted Brothers, landscape architects*







Healy

*In making cuttings of soft wooded plants, take pieces just old enough to snap, like a String Bean. These are then placed to about half their length in a bed or box filled with sand or peat*



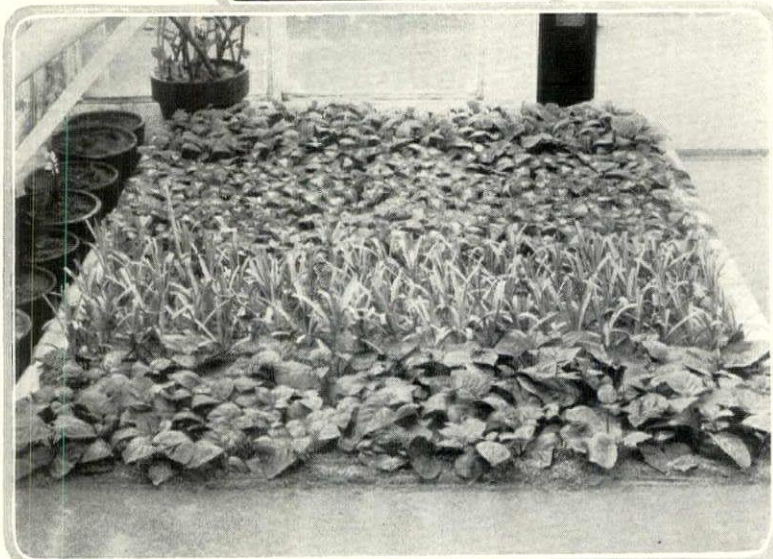
*After planting, cuttings should be given a thorough watering, and then merely syringed to keep their foliage from wilting. In the greenhouse the cutting bed should be over heating pipes*

## PLANTS FROM CUTTINGS



*(Center, above) A close-up of Carnation cuttings, showing how they are placed in the rooting medium—the lower leaves removed and the top ones cut back to decrease evaporation*

## THEIR INDOOR INCREASE



*A great number of cuttings can be accommodated in a small bed. In this end of a bench is the garden's supply of Coleus, Carnations and Fuchsias, with Scillas coming along in pots*

*Stock plants of many flowers—Geraniums, Begonias, Fuchsias and such—are kept to produce new wood for cuttings. One plant will produce several dozen cuttings a year*

*When roots are formed, cuttings are potted off in two-inch or thumb pots, in soil containing a good percentage of sand, and then plunged half-way up in soil or cinders*



The photographs on this page were made, with the permission of the owners, in the greenhouses of Hubert T. Parsons, Elberon, N. J., Payne Whitney, Manhasset, L. I. and E. E. Smathers and W. L. Ward, Port Chester, N.Y.



# THE HOME OF PENELOPE WASHINGTON

E. O. HOPPE

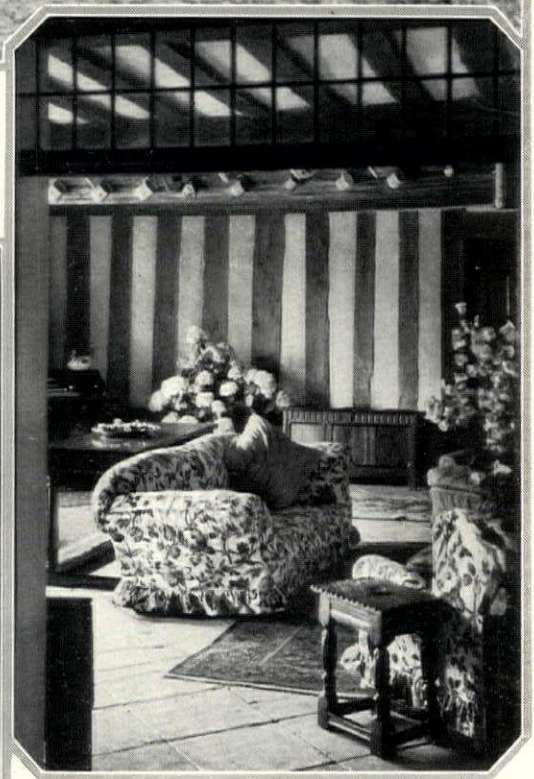
THIS lovely old house was built in 1240 by an Abbot of Evesham Abbey, and the succeeding centuries have mellowed, rather than impaired, the pristine beauty of the fabric. Practically the only addition to the original structure is the racquet court, a half-timbered annex which has been carefully planned and built in keeping with the character of the Manor, close to the charming water garden, where, in summer, purple and yellow Irises and graceful water-grasses smile at their own reflections between the gray stepping stones.

In common with many other old houses, the main interest centers in the hall, as though the ancient laws of hospitality demanded that the first room to which the guest should come after he had crossed the threshold, should be one which gave kindly invitation and promise of well-being.

Here Staffordshire pottery makes effective decoration against the old cream colored plaster walls which are surmounted and divided by the original 13th Century oak beams. English marquetry in excellent condition, is another notable and pleasing feature, and the furnishings are sympathetic in style. An interesting Charles I. "Coffin" stool attracts attention, as also does the fine Jacobean table. The gay-patterned colors of the chintz coverings on chairs and settees and the massed-up blooms of Hydrangea and Canterbury-bells  
(Continued on page 138)



*Restored for present-day living, Wickhamford Manor is now the country place of Mr. and Mrs. Lees-Milne. Penelope, Washington's ancestor, once lived here*



*Two views of the hall, which is the important room in any old English manor house. The original 13th Century beams are still preserved and the huge fireplace serves its ancient purpose*



# THE ARCHITECTURE OF CALIFORNIA

*Southern California's Old Missions Have Been Evolved into a  
New and Distinctive Style of Architecture*

EDGAR LLOYD HAMPTON

**S**PEEDING along the boulevards in Southern California the tourist sees on every hand a vision of beautiful houses and other structures, which from an architectural standpoint seem entirely different from those he encounters at home. He knows they are different, knows they are distinctively Californian; though how and why they are different, and why they are said to be Californian, perhaps has never occurred to him.

In order to understand the situation it is necessary to remember that it was not the Anglo-Saxons, but the Spaniards, who discovered America, and first began its colonization; that they began not in what is now known as the United States, but in Mexico, and that in this region they continued to build cities and establish churches, schools and universities for more than 100 years before any other Europeans built houses anywhere on the North American continent.

The structures built by these early Spaniards naturally were of the Spanish type—a beautiful and ornate expression which, during a period of a thousand years had evolved through a Moorish, Visi-Goth, Roman, French and Italian influence into what, in 1492, was known as Spanish Renaissance. Thus they built after the manner of their native land.

Another important fact to keep in mind is that, due to the menace of the French, who meanwhile had taken possession of the mouth of the Mississippi, their colonization movements took a northward and westward trend; that is to say, they colonized westward, toward the Pacific.

A policy which characterized Spain's

*In a suburb of Los Angeles is this typical mission style home. Its adobe walled patio has been made into a delightful garden. The home of Elwood Riggs, Flint-ridge, Cal. Harwood Hewitt, architect*

conquests throughout all her early history was that each movement assumed, in sense, both a political and a religious aspect: she built both the fort and the church—invariably carried the sword and the cross together and considered each equally important. Her first colonization movement in the New World, which occurred the year following its discovery, consisted of seventeen ships, 1500 immigrants with their livestock and household goods, and a complement of twelve priests who at once began to build churches for the Christianization of the Indians.

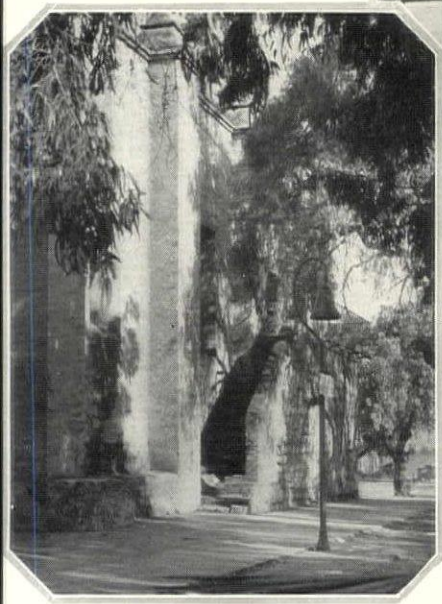
Thereafter, for a period of 330 years Spanish priests continued to build churches in Mexico. By 1640 there were thirty-five separate missions in Lower California, each with its two devoted priests and its throng of neophyte Indians, while all the region between Mexico City and the Pacific had

*(Continued on page 154)*





*The old Spanish farmhouse type is illustrated by the Bixby house at the right. This residence, which is located at Long Branch, Cal., was built a century ago*



*(Left) The choir loft stairway of the San Gabriel Mission. These are the dignified lines which the Californians have so successfully evolved into an American architectural style which truly represents their section of the country*



*The residence of H. O. Davis of Los Angeles is a good example of a modern adaptation of the Spanish farmhouse type. Note the prevalence of decorative ironwork. Morgan, Walls & Clements, architects*



*A corner of the present-day Mexican village in Los Angeles. The house is a modification of the ancient Spanish farmhouse and, following this type, has a patio in which is a decorative fountain. A. B. Zweibell, architect*





*Fully half the charm of these old houses can be traced to the interesting textural treatments of walls and roofs. Native limestone and, in some cases, red ironstone, was used for walls. Roofs are covered with slates also of domestic stone*

## ANCIENT HOUSES IN THE COTSWOLDS

*The Cotswold Hills Section of England Is Noted For an Individual and Distinctive Type of Architecture*

ALFRED HOPKINS

A VISIT to that delightful section of England lying among the Cotswold hills convinces one that no other houses in the world better merit careful study by a student of home building than the ones to be found there. A trip to Broadway in Worcestershire alone will more than pay for the trouble taken.

Due to successful sheep raising, the Cotswold country, particularly around Broadway, became very prosperous during the 15th and 16th Centuries. With prosperity

came the desire for better living conditions, and as a result the Cotswold type of house came into being. The local builders took the materials at hand, and using them with good judgment and good taste, developed a local style and a local art. Considering the few advantages which were available to these men, in comparison with the advantages available today, their excellence of workmanship seems indeed marvelous. The various examples of their architecture are so similar that whatever precepts for

house building were current at the time, they were understood and practiced by all.

In any good theory of design there are but a few general principles which govern, and I have always been amazed and delighted by the simplicity of all great art. A fine painter once said, referring to his paintings, that he spent most of his time and study in the elimination of the superfluous. To him it seemed the normal thing to muddle up a picture with unneces-

*(Continued on page 142)*





*Windows on these houses are stone mullioned, with lead latticed panes and wrought-iron casements. Stone finials, as on the wall in the foreground, are characteristic*

*Gables and dormers are prevalent on Cotswold houses. Chimney stacks were placed centrally over the roof ridge and many times were set at the apex of the gables*





# McINTIRE THE COLONIAL CARPENTER

*He Who Made Salem Beautiful*

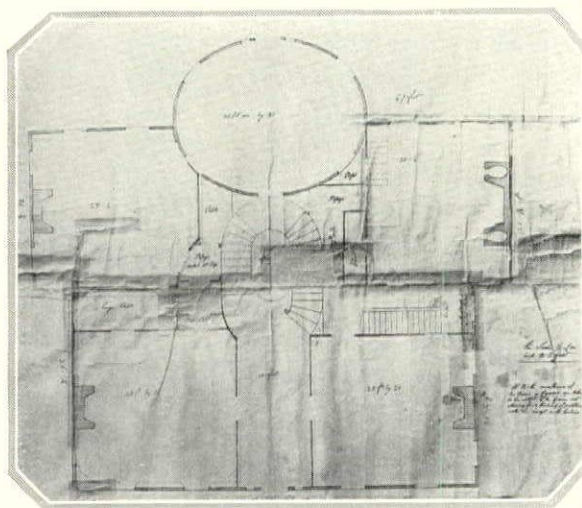
RICHARD H. PRATT

SAMUEL McIntire was the climax of Colonial carpentry. In a way he was the final flourish of a great tradition, for while other gifted workmen followed him none could even hope to match his skill and artistry. If he was not actually the last he was at any rate the most amazing master in a craft that had left the ground to become an art as fine as architecture itself. He was the ultimate burst of a rocket that had risen brilliantly through the 18th Century and had made so splendid a display during the years of the infant Republic. Some say he is that fiery pendant which from Salem you can almost see still suspended in the sky.

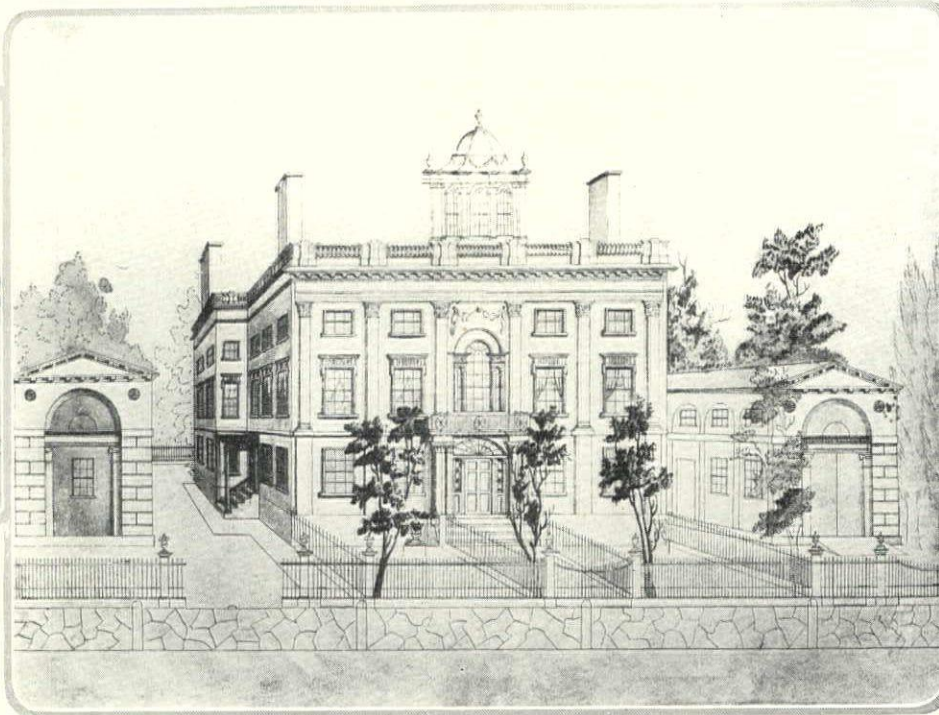
All his life was lived and all his work was done in the famous old New England seaport. It was not a very long life, as lives go, to end at fifty-four; though his was twenty years longer than either Schubert's or Shelley's, whose period (and the quality of whose genius) he shared. Of course, McIntire's livelihood required these additional years. For while a doorway (let us say) is no more difficult to do than a sonnet or a song, it does involve more tedious persuasion, a more protracted

*(Continued on page 158)*

*Among the loveliest examples of the delicate designing and workmanship of Samuel McIntire is this drawing room door still preserved in "Oak Hill," the Jacob C. Rogers house at Peabody, Mass.*



*McIntire was both architect and master carpenter. Above is shown the first floor plan of the Elias Hasket Derby house in Salem, Mass., which is believed to have been designed by him. At the right is an old drawing showing the exterior of this house*





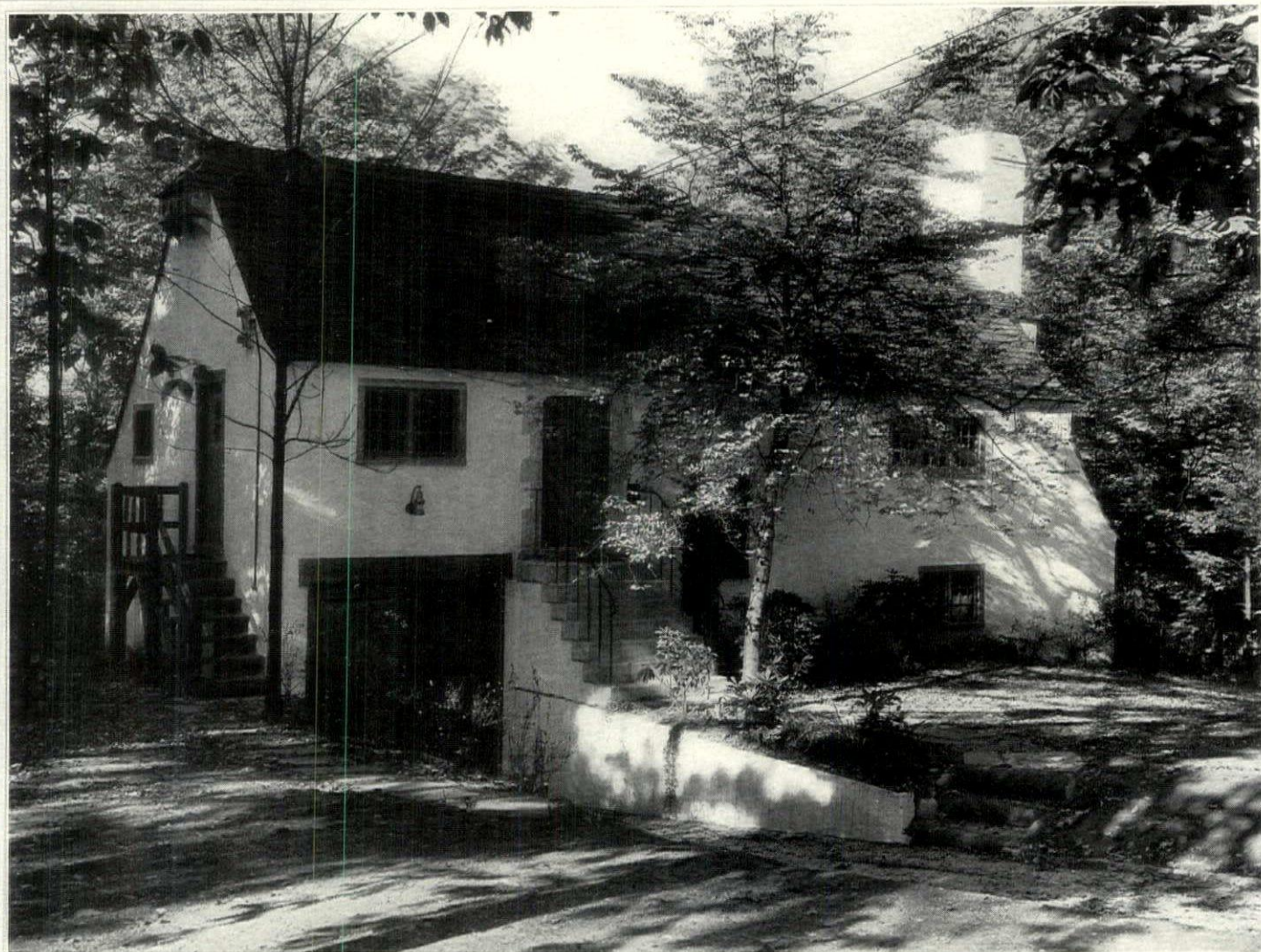


Gillies

## STUCCO AND SIMPLICITY

*Seen in early afternoon with a bright sun bringing out the dazzling spotlessness of its white-washed walls and intensifying shadows cast by projecting eaves, the home of W. W. Siebert at Great Neck, L. I., is a striking example of architectural design. Frank J. Forster, architect*



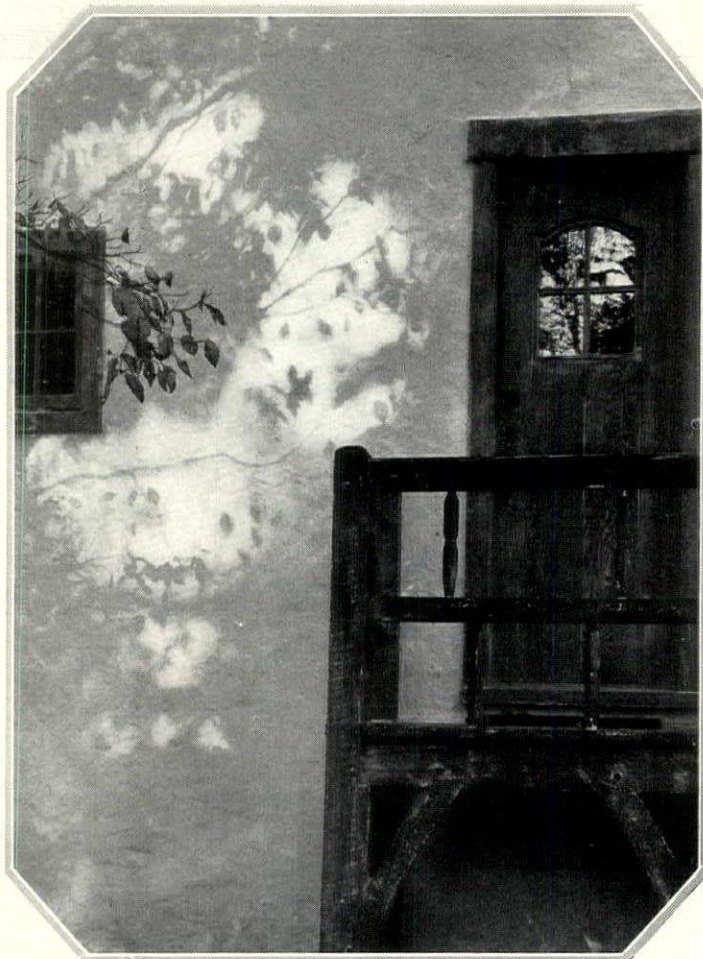


Gillies

*Designed after the Norman type, the residence of W. W. Siebert at Great Neck, L. I. is of frame construction surfaced with stucco over metal lath. The shingle roof is laid in irregular wavy lines. Frank J. Forster, architect*

## A NORMAN

*The service entrance is shown at the right. The upper floor consists of a large living room with beamed ceiling, the kitchen and the service quarters. The stairway to the lower floor descends from and juts into the living room*

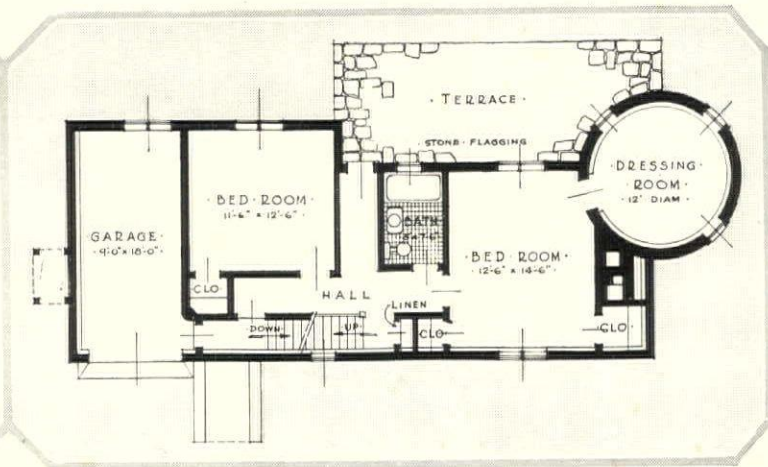
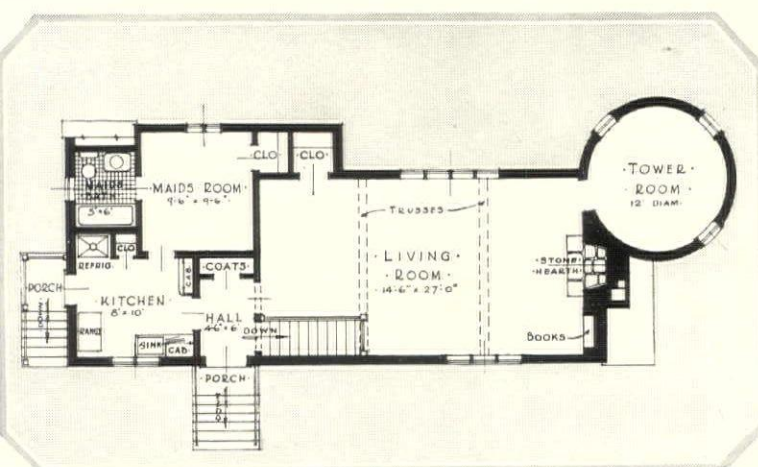


*(Opposite) As the principal entrance leads into a second floor hall, it is reached by an outside stairway. At the left of the stairway may be seen the entrance to the garage which is slightly below the level of the first floor*

## FARMHOUSE

*Contrary to custom, the bedrooms in this house are located on the ground floor and the living room on the second floor. On the second floor the tower becomes a dressing room which may be entered from the master's bedroom*





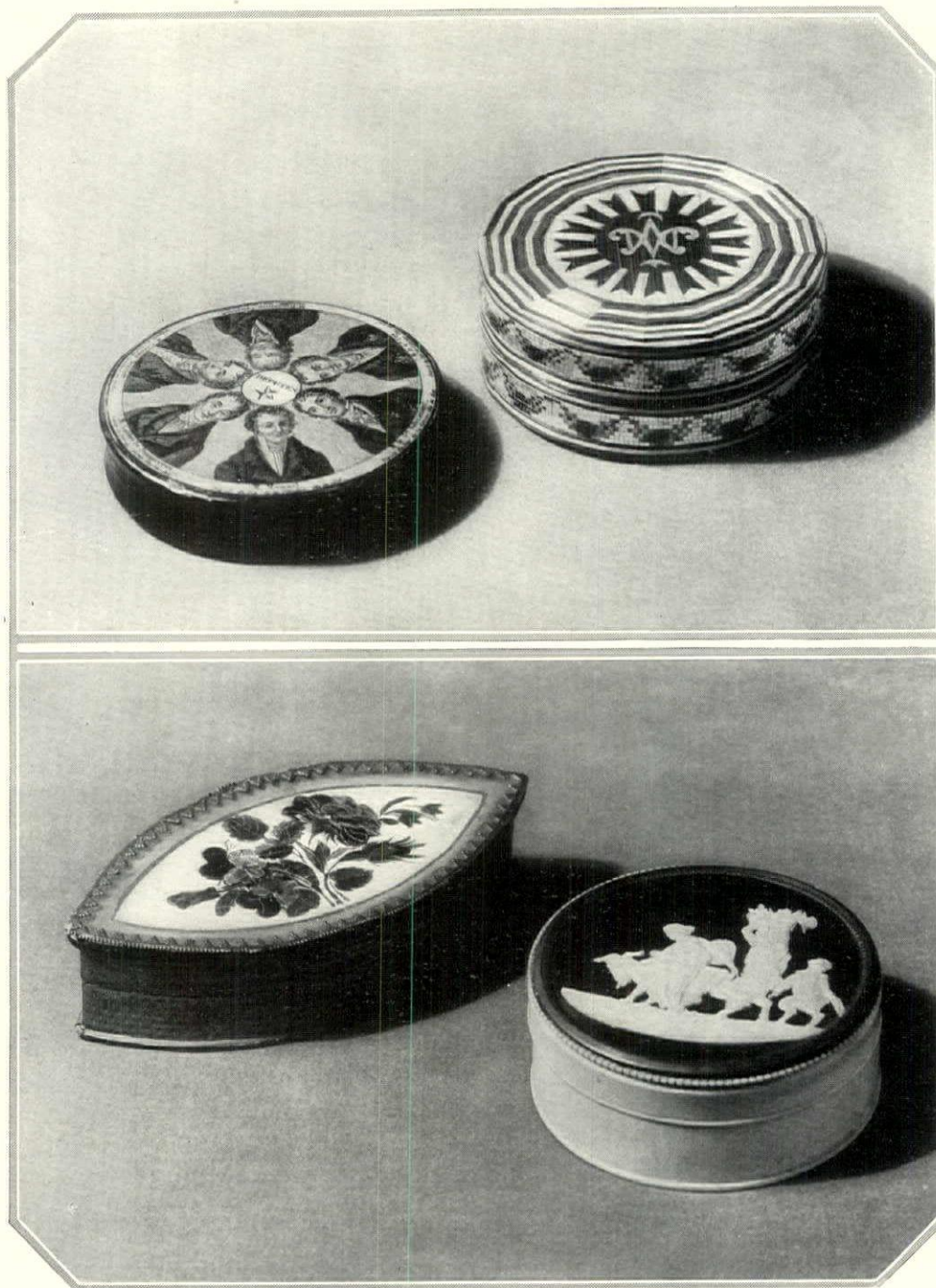


# THE COLLECTING of LITTLE BOXES GARDNER TEALL

An oval porcelain box of Dresden, from Saxony. It is of 18th Century workmanship. By the courtesy of Mrs. William Allen Teall



(Below) A flat, round, French black lacquer box with portraits of the Deputies of 1818. Beside it a straw box for almonds



Boxes from the collection of Agnes Foster Wright

(Above) A painted oval box with flower design in "gauche" on the underside of the glass. The other has an ivory on tortoise shell lid

(Right) A silver comfit box showing 18th Century Dutch workmanship. It measures two inches square. The lid is decoratively engraved



(Extreme right) The Japanese are fond of making little boxes in which to keep their treasures. This example is executed in cloisonné



THE *quais* of Paris must ever seem an El Dorado to those who have anti-quarian tastes and who, like myself, love not bargains for the bargain's sake, but solely because so often only the "find" makes possible the acquisition. I have heard many assert that they found as much pleasure in looking at things in shop windows as they did in possessing them, yet these are not the persons one encounters in museums. I suspect that an art-lover who makes such a confession is making no confession at all, but is only appearing virtuous for necessity's sake; I say virtuous because self-denial is supposed to be a particular virtue in the breast of a collector, at least something the non-acquisitive insist should be added to his decalogue.

As for myself, I like to have a more intimate knowledge of beautiful interesting things than mere star-gazing brings one, for under those surfaces explored by the eye, lovely though they may be, are those things that appeal also to the mind—the story of things which the closer contact with them brings forth, or seems to. The imagination romps in the contemplation of old things—at least mine does—and imagination has little time to play when one is hurried on from this window in a crowded avenue to that. One cannot do much dawdling in the rue de la Paix nor yet in Old Bond Street, although it is quite in order in the *quais* of Paris or in the Caledonian Market.

These things were in my mind one day as I strolled along the Quai Voltaire, famous for its bookstalls and antiquarian shops, reflecting that it was just here that Balzac's *Peau de Chagrin* was bought! Then I passed down into the Quai Malaquais, Number Nineteen reminding me of that novel which seems to have been written to regale bibliophile and collector of antiques, *The Crime of Sylvestre Bon-*



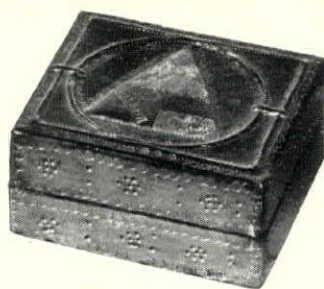
ward, for just there once stood the house where its author was born; and now Annapole France was no more.

I walked on, thinking of this thing and of that, at last coming to the Quai des Grands-Augustins, although, what with stopping at the stalls which lined practically all the way to rummage among their burdens of old books and *curiosités*—some *haut* and some only *bas*!—the jaunt brought me well to the end of the afternoon. Just this side of the Pont au Double I caught sight of two stalls which had their covers up.

Now in all the days of all my visits to Paris, I had never before happened upon one in which I found these stalls open. It is not every day that the picturesque *quai* vendors are at their posts *en masse*: on Monday finds one group, on Tuesday another, and so on, while some few are patient and enduring beyond belief and mend their stalls every day of the week, weather not too forbidding. Now it was my good luck to see the one set of stalls I had always found locked open to anticipation, and no churlishness on the part of the vendor to discourage possible loitering a bit. Monsieur smiled hospitably as I turned, and with a sweep of his hand, invited inspection of his wares, near, if one wished information or a price, but not hovering.

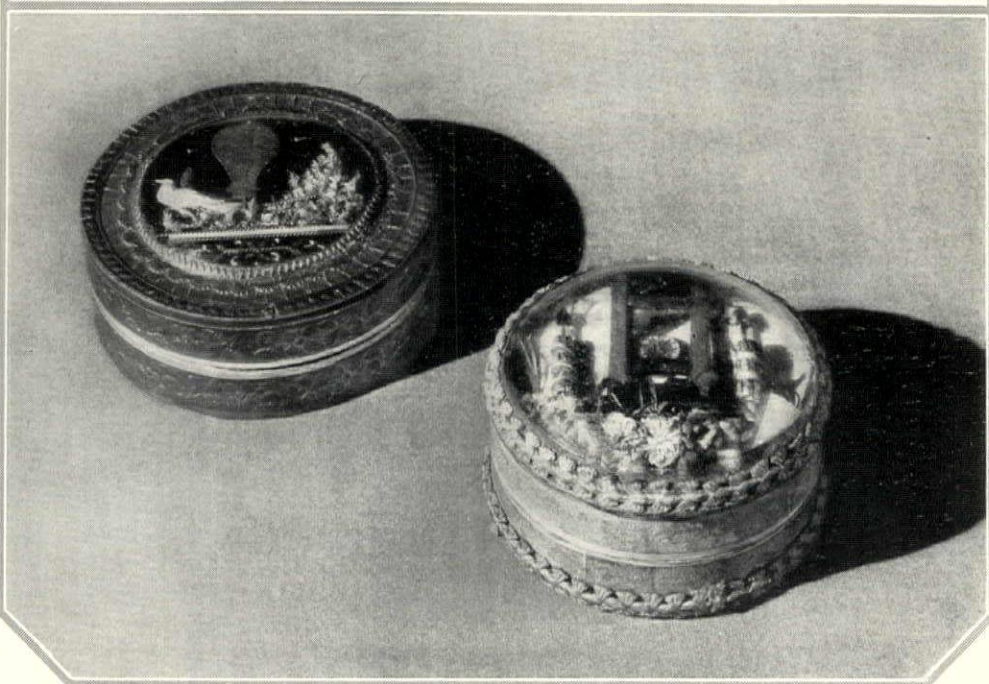
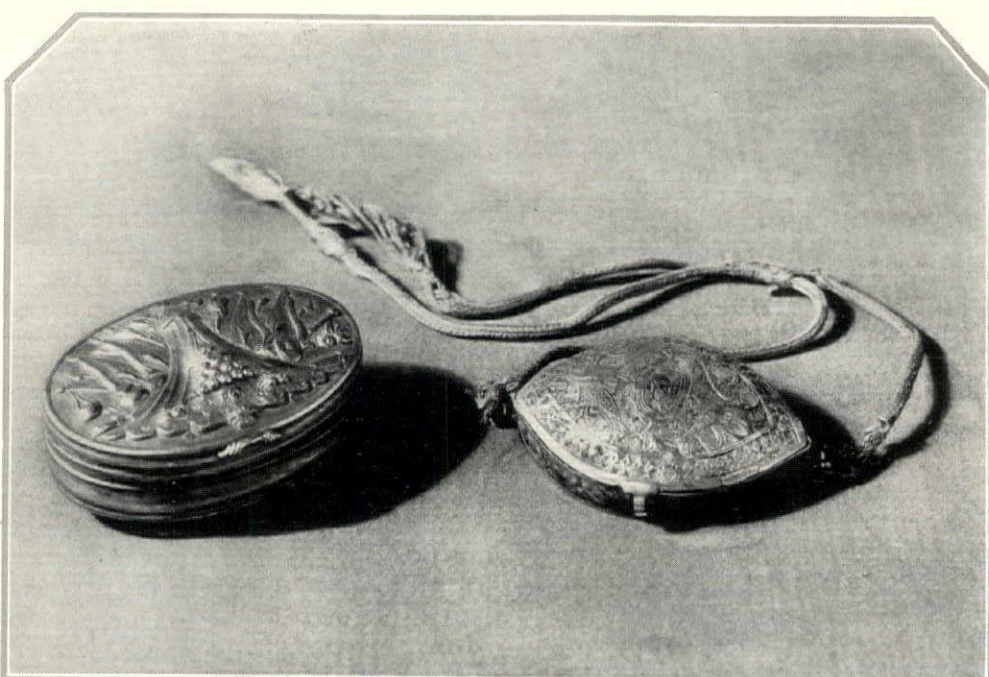
This was to prove a lucky day. Evidently Monsieur was running the stall for the fun of it, attending when he felt like it, absenting himself on the same principle. At any rate I never again found him there, although the locked stalls were always to be seen. And where, I wonder, did he come upon the things he had for display the days he did condescend to unlock his wares? On this particular day there were spread out before me a veritable myriad of little boxes of all sorts, all shapes and all materials. There were boxes of wood, boxes of alabaster, boxes of silver, boxes of ivory, trick boxes, comfit boxes, snuff boxes, *étuis*, match boxes and match boxes, actually match boxes, and these match boxes brought Annapole France and *Sylvestre Bonnard* back to mind; you will remember in *Bonnard's* letter—what a real one it seemed when one read it!—written from Monte-Allegre, November 30, 1859, he tells of meeting the *Princess Trépof* on her way to Gergenti. She tells *Bonnard* that her husband is making a collection of match

(Continued on page 164)



From Florence comes this little gesso box of gilt and polychrome. It was made about 1850 and originally contained candy

(Below) An enameled silver box containing a verse from the Koran, to be sworn around the neck. The other is from Algiers



(Above, left) Of French origin this box commemorates the first balloon ascension. On its lid is shown the balloon and a pigeon in flight

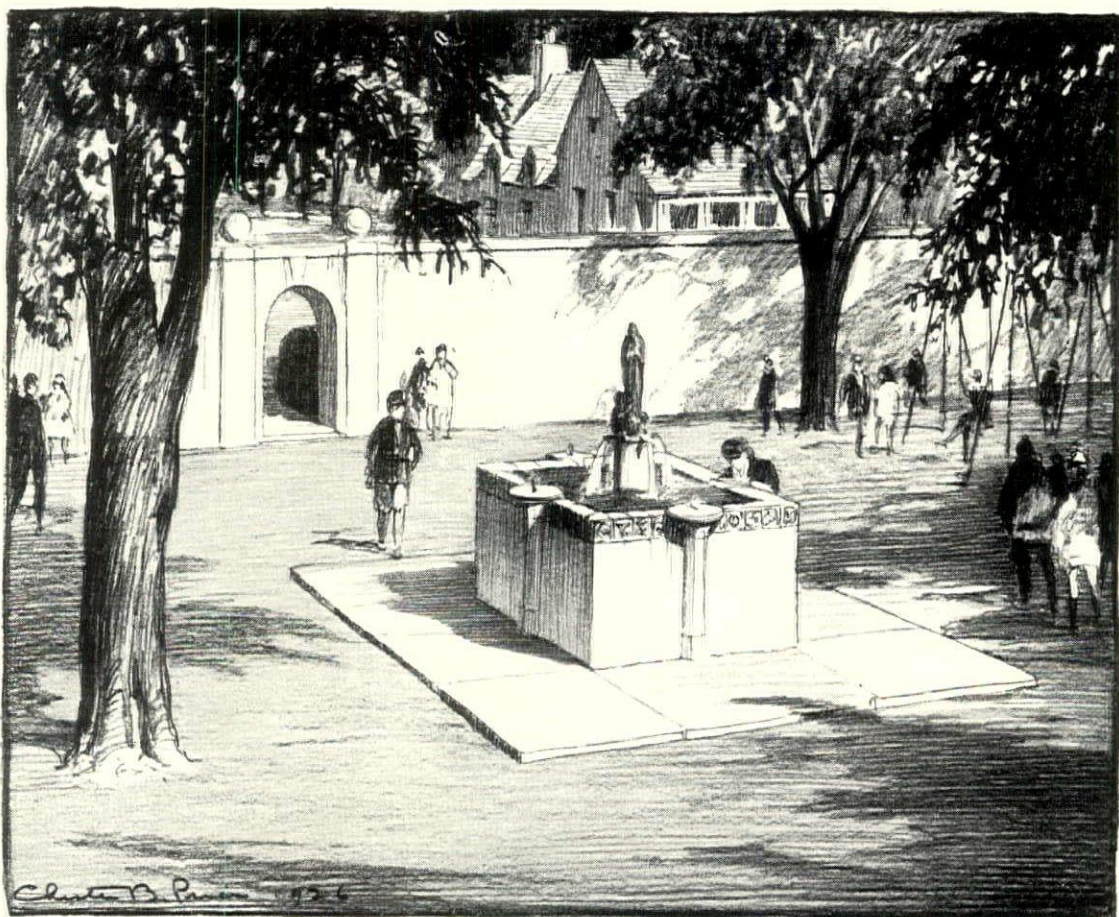
(Above) This French box displays the ghastly guillotine of 1793 with its gory knife. The box is of white leather with silk lacings



A "mouche" or French patch box in light yellow shell with incised decorations in gold. A tiny "mouche" is on each inside cover



For a children's playground is suggested this square raised pool with four drinking jets and a central figure, designed to be made of stone



This is part of the House & Garden crusade for Town Betterment. complete list of articles previously published will be found on page 172

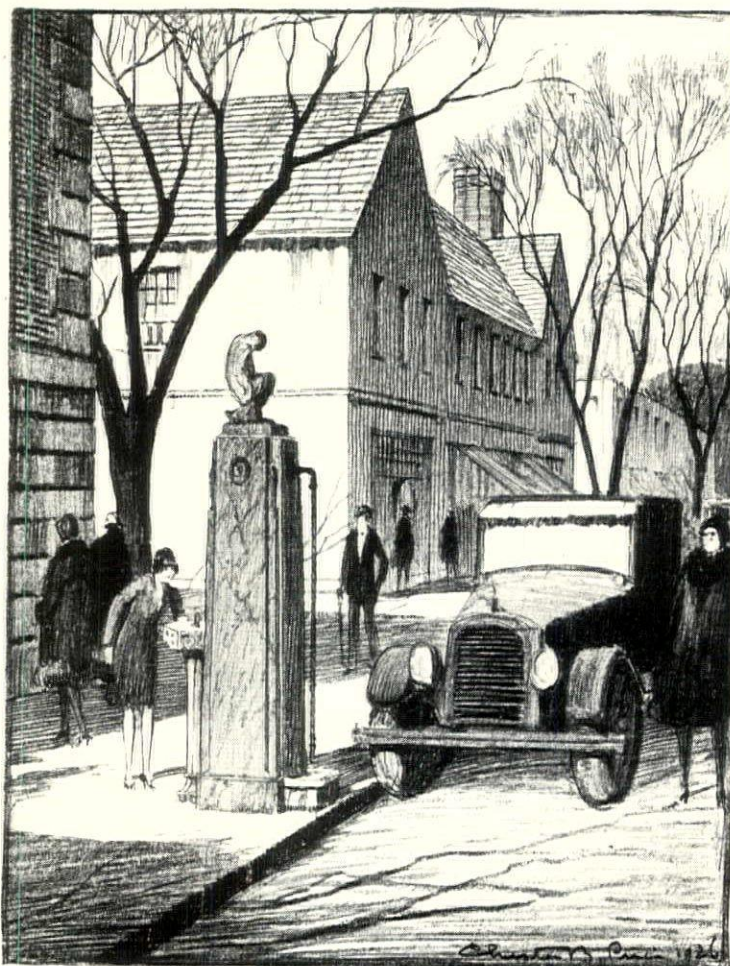
## FOUNTAINS FOR TOWN BETTERMENT

*Six Practical and Decorative Drinking Fountains*

*Designed by Chester B. Price*

IT IS a strange fact that the homeliest objects we make are generally the most durable. Street hydrants (or whatever fire-plugs are called) are not very pretty, yet they seem solid enough to survive for centuries. Lamp-posts and mail-boxes have been with us for years without giving any great signs of caring to make an esthetic appeal. And so the list might go on from one thing to another, without one pleasant surprise for the excavators of the faraway future.

The truth is that we quickly grow accustomed to the uglinesses of our streets and accept them all as parts of the general everyday appearance. Every now and then we notice one item or another and wonder for a week or so about its utter lack of loveliness, but then it slips back into the familiar setting. And in that familiar setting, wrapped up in an almost inevitable commonplaceness along with fire-plugs and lamp-posts, are drink-



ing fountains—one of the most neglected and necessary of minor public conveniences. Perhaps they have no greater right than anything else to be beautiful, but the fact that they do not occur in such numbers as many another street accessory makes their problem easier. They can be considered singly. And each one can be made a little monument to symbolize its welcome purpose.

Among the six suggestions designed this month for the Town Betterment series by Chester B. Price and illustrated by their author, there are types for almost any situation. The small, single-bowl fountain will have the most frequent usefulness, because of its size and because it can be used more casually than the others, requiring

(Continued on page 172)

*A drinking fountain for man and motor. A flexible hose supplies water to cars. And the drip basin on the curb will serve thirsty dogs*





## TO A MERCHANT'S MEMORY

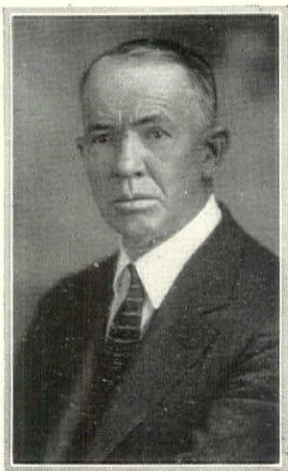
*As a memorial to a merchant, to be let into the street wall of a store he founded, this simple design would prove appropriate. It would be executed in marble suitably inscribed. In summer Bay trees in decorative wooden boxes might flank the fountain and accent its presence*



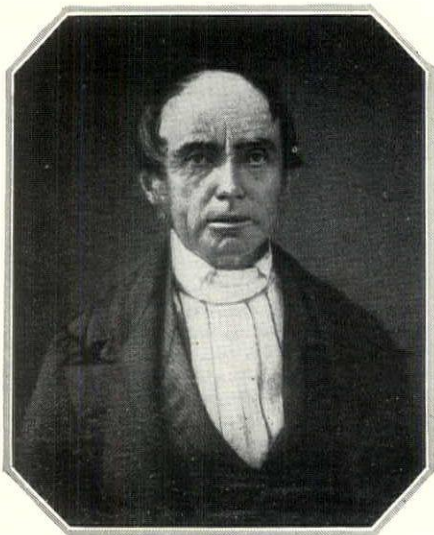
The GARDENER'S CALENDAR for FEBRUARY

This Calendar of the gardener's labors is planned as a reminder for all his tasks in season. It is fitted to the Middle States, but should be available for the whole country if for every one hundred miles north or south there be made a difference of from five to seven days later or earlier in operations. The dates given are for an average season

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<p>Gone were but the winter cold, And gone were but the snow, I could sleep in the wild woods Where primroses blow. —Allan Cunningham</p>		<p>1 A great many rock garden plants can be raised from spring-sown seed which may be ordered now. Light, well-drained soil with plenty of leaf-mold is the best for them.</p>	<p>2 Suet for the birds can be conveniently fastened to tree trunks by tacking over it small squares of wire netting with 1/4" or 1/2" mesh. It will attract several species.</p>	<p>3 Orchard trees whose bark is loose and flaky enough to harbor insects will be benefitted by having their trunks scraped enough to destroy the hiding places of these pests.</p>	<p>4 Indoor Cacti, which are rapidly becoming popular for winter decoration, do not need as much water as most potted plants. Weekly or fortnightly watering suffices for them.</p>	<p>5 A definite plan worked out on a scale on paper is an invaluable garden asset. It should be started now, for it takes time to decide on all details of garden planting.</p>
<p>6 House plants, particularly of the stronger growing kinds, often need re-potting before the season is over. Their roots should never be allowed to become pot-bound.</p>	<p>7 If any pruning of deciduous trees or Grape vines remains to be done, better get it out of the way before there is a possibility of mild weather starting the sap upward.</p>	<p>8 Should any of the house plants get nipped by frost on an especially cold night, thaw their foliage slowly by spraying with cool water. Never thaw them with warmth.</p>	<p>9 The garden that suffers from summer drought deserves to have a good water sprinkling system. There are several reliable types, both portable and permanent.</p>	<p>10 Moist air is one of the great requirements of the garden indoors. If your rooms are dry, give the plants a few hours each day near a tub of water in bathroom or laundry.</p>	<p>11 Strong sprays for scale insects can still be applied to trees and shrubs, for new growth has not yet started. Lime sulphur and miscible oil are standard and effective kinds.</p>	<p>12 Early ordering of seeds and plants has several advantages. It insures delivery on time and lessens the chance of disappointment due to limited stock of certain items.</p>
<p>13 Waterlilies are very easy to grow if you follow a few simple rules. In case you have never tried them, look into the subject now and order a few roots of hardy varieties.</p>	<p>14 A real thaw at this time of year often leaves standing water in low parts of the flower border or beds. This should be drained off lest it freeze and injure the plant crowns.</p>	<p>15 A small forcing frame for seeds sown indoors stabilizes the temperature and decreases evaporation from the soil. Make it of wood and fit it with an adjustable glass top.</p>	<p>16 Egg clusters of the destructive tent caterpillars are laid on the twigs of Wild Cherry and Apple. They look like wide, varnished rings and should be destroyed.</p>	<p>17 Juncos, Tree Sparrows and other ground-haunting birds will welcome a space cleared of snow on the sunny side of shrubbery, supplied with crumbs or seed.</p>	<p>18 While you are assembling soil, flats and pots for sowing seeds indoors, do not forget drainage material for the bottom of the containers. Oyster shells and gravel are good.</p>	<p>19 Rose cuttings that have been rooted in sand under glass and have made good growth can now be potted off in moderately rich soil preparatory to planting out in May.</p>
<p>20 Good commercial humus and peat moss, mixed together in equal quantities, make an excellent soil in which to plant seeds, for they are light and sufficiently moisture-retentive.</p>	<p>21 A thorough checking over and examination of all garden supplies such as implements, fertilizers, stakes, flats, labels and other accessories is a wise pre-season plan.</p>	<p>22 All tree wounds of any size, whether caused by accident or pruning, ought to be covered now with thick paint. This will protect them against the inroads of decay.</p>	<p>23 Grass and hay-lands that are in need of enrichment with manure should have it applied now before the frost comes out of the ground and growth starts up again actively.</p>	<p>24 The modern Tritonias or Montbretias are extremely worth-while summer flowering bulbs—easily grown, lovely and lasting in flower and foliage, and multiplying rapidly.</p>	<p>25 Paper pots are particularly good for starting certain seeds, notably Sweet Peas, Melons and Squash. They make it possible to set out young plants without root disturbance.</p>	<p>26 A good garden line is invaluable for many purposes: getting straight planting rows, laying out flower beds, measuring, cutting the dog out the way.</p>
<p>27 One of the best implements for watering seed flats is a rubber bulb fitted with a very fine "rose". The ordinary watering pot gives too coarse a spray.</p>	<p>28 Seeds should not be planted too deep. Very fine ones ought merely to be pressed into the soil. As a general rule, cover the others only about once or twice their own depth.</p>	<p>O the blazing tropic night, when the wake's a welt of light That holds the hot sky tame, And the steady fore-foot snores through the planet-powder'd floors Where the scared whale flukes in flame!</p> <p>Her plates are scarr'd by the sun, dear lass, And her ropes are taut with the dew, For we're booming down on the old trail, our own trail, the out trail, We're sagging south on the Long Trail—the trail that is always new. —Kipling</p>				



D. M. ANDREWS  
Former explorer for the Arnold Arboretum, and for many years a resident of Colorado where he is indefatigable in the study, cultivation and introduction of western wildflowers



NICHOLAS LONGWORTH  
Lawyer, American and experimenter in the improvement of Grapes and Strawberries. His vineyards totaled 200 acres and produced wine of a high market value. Born in 1782, died in 1863



J. H. NICOLAS  
A leading Rose botanist of the modern type, born in France, and now doing extremely important work for the improvement and general advancement of the Rose in America



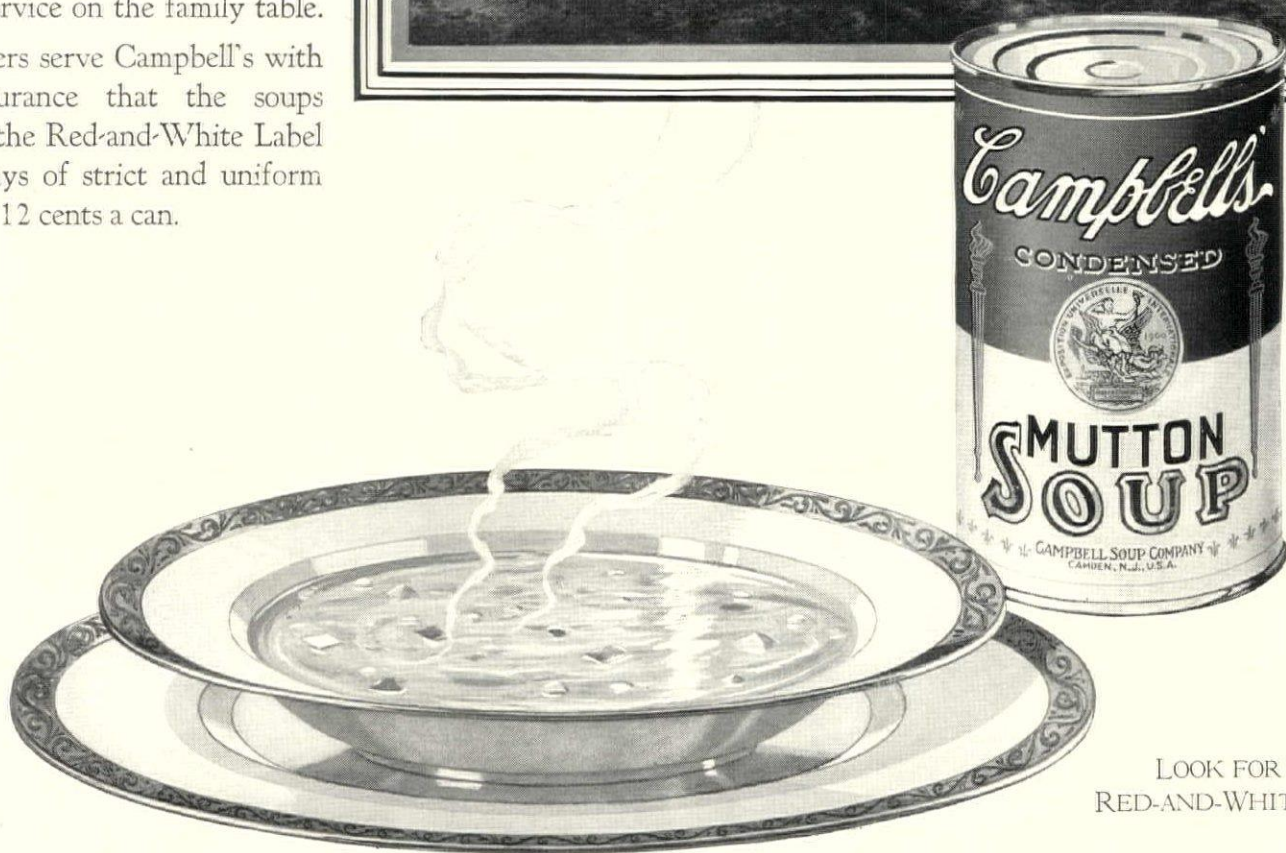
# QUALITY!

What is the basis of a genuine and enduring reputation? Winning—and holding—respect where it is hardest to win. It is only necessary to observe where Campbell's Soups enjoy confidence to realize the truth of our statement that "every single can contains our business reputation."

Every step in the preparation of these famous soups is inspired by knowledge of this fact and the challenge it implies.

Mutton Soup serves a variety of very special uses that call for the most nicety of selection and blending of the ingredients. It is a mild soup especially prized for children and for the sick room, as well as for service on the family table.

Mothers serve Campbell's with the assurance that the soups bearing the Red-and-White Label are always of strict and uniform quality. 12 cents a can.



LOOK FOR THE  
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WITH THE MEAL OR AS A MEAL SOUP BELONGS IN THE DAILY DIET



Coffee Pot by John Bod-  
dington, London, 1712.  
Height 10 inches. \$850.



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Old Irish Cup and  
Cover, in gilt. Made in  
Dublin 1803. 15 inch-  
es high. ~ ~ \$700

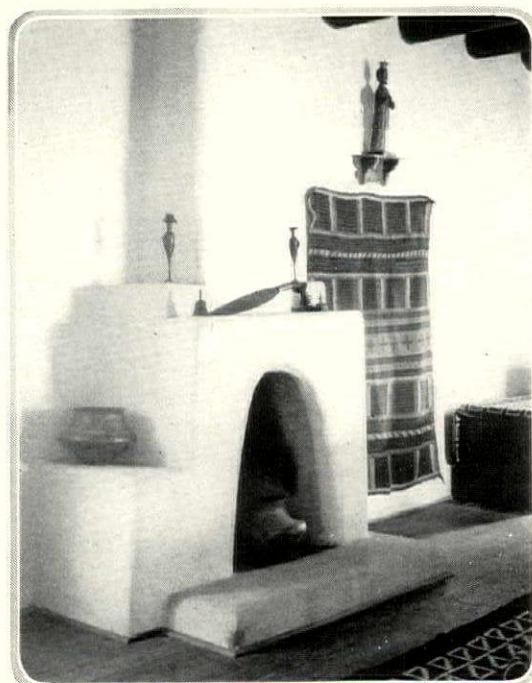
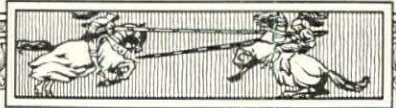
**P**RIOR to the common use of banking institutions, Silverware in England represented a tangible form of wealth. Master Silversmiths were employed to fashion this precious metal into objects of art or utility, which in times of stress were easily convertible into coin. ~ Today genuine antique silverware is rare. Those pieces that have been preserved possess a charm and loveliness unequalled by any modern production. ~ For sixty years this House has brought from England cherished pieces of genuine antique silver. A visit to our showrooms will delight you, but if you cannot come, write us and we will send photographs and detailed information.

# HOWARD & Co.

New York

Established 1866

18 E. 56 Street



A Mexican fireplace in the home of Howard  
Thorpe, showing the different levels of the  
mantel and side wall

## THE HEARTHS OF SANTA FE

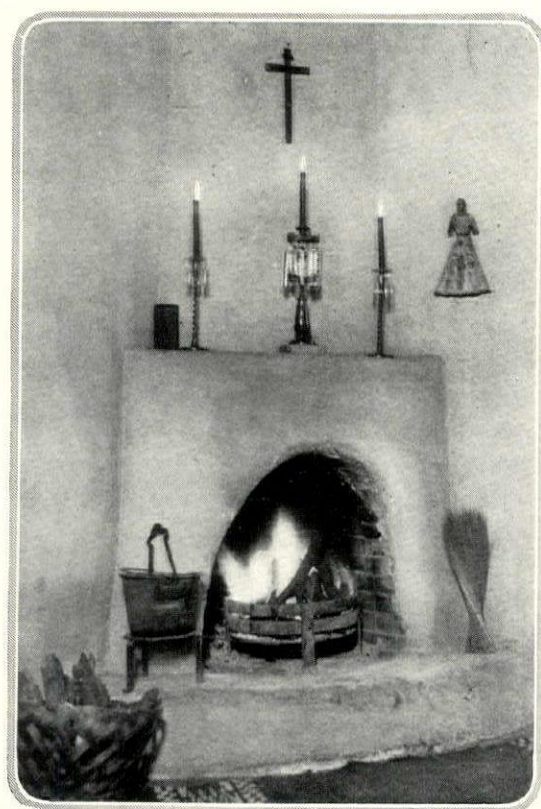
(Continued from page 86)

lenadores first came to this western country three hundred years ago they found the Indians living in great communal houses built of adobe and stone and containing as many as 1,200 rooms. This manner of living in enormous bee-hives was then unknown in Europe. In fact it was not to have a Caucasian invention for another three centuries when the rise in property values in American cities compelled the pushing upward of skyscrapers.

For their own use the Spaniards dis-

regarded these mountains of mud built smaller units, duplicating well as they could in the new materials the homes they had left in tile, Leon and Aragon. These consisted of a dozen rooms on the ground floor built around a patio, with occasional second story rising at back. Making use of the Indian building materials, mud and stone, they also adopted his heating system—the corner fireplace with its chimney.

(Continued on page 120)



The furnishings of these fireplaces are usually of native work or accessories from chapels of the earlier days. From the home of William J. Barker



"The Orthophonic Victrola captures the very soul of the violin."  
—FRITZ KREISLER.

# Kreisler actually Kreisler on the New Orthophonic Victrola



a Kreisler record on the Orthophonic Victrola. Instantly you are in the presence of this master of the violin. The precision that is Kreisler, the superb technique . . . the mellow, lyric tone that distinguishes a Victor artist . . . these are rendered to you with flawless realism through this amazing new invention. Tones of correct volume. Neither too soft nor too loud . . . but full,

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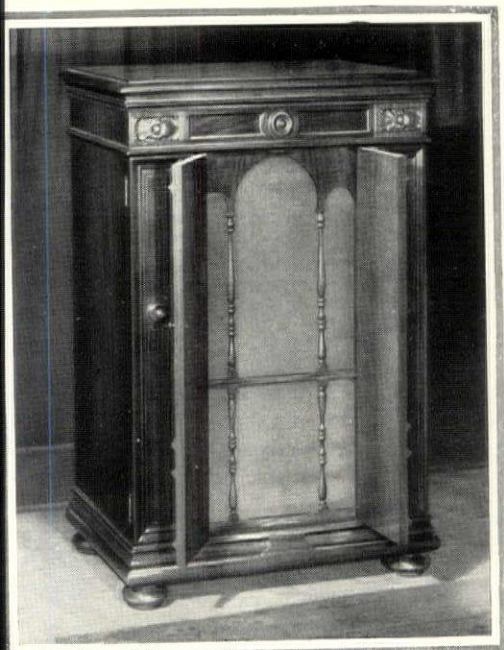
*The supreme entertainer  
in the home*

The Orthophonic Victrola is always ready to entertain you and your friends with music of your own choosing—a violin solo, an operatic gem, lively dance music, stirring band music, a song of yesterday or one of the catchy tunes of the day. Whatever you prefer

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The Orthophonic Victrola furnishes the finest music for the home. The Credenza (above) is \$300.

The New  
Orthophonic

# Victrola

VICTOR TALKING MACHINE CO.



CAMDEN, N. J., U. S. A.





## FOR THOSE WHO LOVE *Old Fabrics*

From Italian palaces of the 14th and 15th centuries comes the precedent for the new vogue for walls panelled in rich fabrics.

Those who prefer this colorful warmth to the cold austerity of plain walls find unlimited opportunity to gratify their desires in Fortuny Fabrics.

Made in Venice by Mariano Fortuny, these are reproductions or adaptations of some of the loveliest fabrics of the *cinquecento*. By a secret hand process, even the fragile delicacy and luminous quality of the originals is recaptured.

Some have the appearance of old damasks; others of sprightly brocades or rich velvets. All have that elusive charm of genuine old fabrics which machine methods cannot duplicate.

Decorators either carry them in stock or accept orders against sample lengths. Although imported in limited quantities, they are moderately priced.

# FORTUNY of VENICE



*In the studio of Olive Rush the chimney-breast and overmantel are frescoed with designs of strange birds and beasts, which relieve the soliteness of the adobe walls*

## THE HEARTHS OF SANTA

(Continued from page 118)

shaped opening. The result was neither pure Spanish nor pure Indian, but an interesting blending of both which developed into the distinctive Santa Fé style of architecture.

Remodeling these old adobe houses to make them modernly convenient is a great delight in Santa Fé. Those who have started out to preserve the Old World charm of these places have soon learned the secret of the country—that home is not home without a fireplace. In our modern apartments gilded pipes filled with steam produce comfort but not cheer. It is in a fireplace where the wood sings as it burns, where the pitch runs out with a chuckle and the red coals glow with green and purple fairies dancing over them, that one draws near to the heart of home. A fire in a room is a living entity. The Indians knew that it was man's faithful companion, its flames rousing his hopes, its coals responding with their quiet attention, and its ashes keeping his secrets.

So in new houses as well as old ones the fireplace is an important feature of the room. They have a feeling of sincerity and character, the sense of being intrinsically right in their setting. They not only belong historically to the Southwest but they are a part of the very land, being built of the adobe soil on which they stand. For all their simplicity, which is so large a part of their charm, they have structural interest and beauty of line which justify the decorative rôle they play.

Adobe bricks, which are made by bare-legged Mexicans who tramp the Wheat straw into the mud, just as it was done in the days of the Pharaohs, are susceptible to any kind of modeling since they are easily broken and easily muddled together again; this gives a plastic material with which to work and promises easy flowing lines.

One of the greatest delights of hand-made fireplaces is their lack of rigidity. The intimacy of an opening that is slightly off center is a surprise of finding that one is not quite as long as the other, a play of personality and temperament which is too seldom found in machine-turned age.

There are so many variations possible with this loosely-held form that a fireplace expresses the individuality of its builder and does away with tiresome duplication. The corner place with its cone-shaped opening may be cosy and low or it may be so high that none of the flames are lost. If it is not possible to use a corner, a wing wall may tend at right angles and the hearth built into the intersection. The walls may be wide and thick enough for a niche to be hollowed out on the side where a bowl of matches may sit away, or the sides may be mere row supports leaving the whole open for a trivet and kettle near the fire logs. The raised hearth, which is such a typical feature, may be set far out and give the effect of a fireplace rising upon another above the room, or it may be built through the center so that the flames are more readily removed.

There are also fireplaces which are built boldly into the middle of the room. One in particular in an old manor house has the solid chimney wall rising in the middle of the living room so that one may lean against the warmth of the back wall as well as toast before the burning logs in the fire. A quaint hotel at Taos has a double fireplace, the front of which is the principal decorative feature of the lobby while the smaller place in the back wall makes a place around which to gather.

(Continued on page 122)





# ETERNAL VIGILANCE

*and countless towels*

*the only known recipe for a clean child*



## CANNON TOWELS

*Absorb quickly—Wear well—Cost less*



JANE doesn't care where the jam under her eye goes. Junior doesn't notice what happens to the remnants of the green clay dog he has just made. . . . If you are proud of a beautifully appointed bathroom and like to keep it in perfect order, you must have countless clean towels, when there are children in the family.

But with Cannon towels, so reasonable are the prices, you can afford this absolutely unlimited supply. Enough so that you are never troubled about fresh towels when there are extra guests; when the laundry is delayed; when there is sudden sickness.

You needn't worry about wear-and-tear when you have invested in Cannon towels. Housekeepers on the largest scale, the great hotels in America, buy Cannon towels in

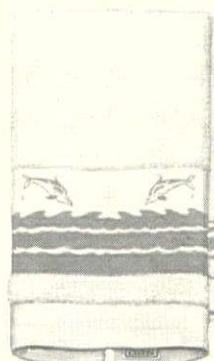
enormous quantities. They choose them for their service, good looks and because they know that immense production in the Cannon mills makes prices lower, and they can get

unequaled towel value when they select Cannon towels.

Ask for Cannon towels by name. Everything! Little huck towels you use in quantity every day; generous rugged bath towels so popular with the men in the family; handsome bath mats. Prices from 25c to \$3.50.

1 1 1

*The colors in borders or patterns of Cannon towels are guaranteed fast. . . . Get the same pattern in different colors, a color for each child. It gives a decorative effect to the bathroom, and the youngsters don't get their towels mixed.*



*The Cannon "Flying Dolphin" turkish towel*



## THE HEARTHS OF SANTA FE

(Continued from page 120)



KIRMANSHAH  
Reproduction

## BENGAL-ORIENTAL RUGS

## A Museum Rug

**H**ANGING in the Metropolitan Museum of Art in New York last month was the Kirmanshah reproduction illustrated above. To visualize for the public what can be created by American craftsmanship an exhibition is held in the Museum once a year . . . only the finest examples are considered worthy of this honor.

Fill out the accompanying coupon and let us send you color plate (11x14 in size) of this Museum rug.

Price for 9x12 size does not exceed \$185  
in any part of the United States.

**JAMES M. SHOEMAKER CO., INC.**

119 WEST 40TH STREET, NEW YORK

*A Consulting Decorative Service Without Charge. Mail the coupon with full details and we will send you color plates and information as to sizes and prices.*

Please send me color plates of rugs for

- ☐ Living room, size..... ☐ Dining room, size.....  
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THE HOUSE OF SHOEMAKER, 119 W. 40th St., New York

The members of the artist colony have reveled in evolving every variation of fireplace for their studios. Sheldon Parsons has been especially successful in retaining the simple character of the old place he has remodeled. Carlos Vierra has built a fireplace with a hood of Willow branches over the hearth, the Willows being steamed and bent every day until they acquired the desired graceful curve. Olive Rush added another note by frescoing her chimney surface with quaint birds and beasts.

## MEXICAN FIREPLACES

The massive Mexican fireplaces, which are much larger than their corner Indian cousins, are built against the house wall and break the mantel line with ascending steps. They are often finished with gray or rose flagstones which offer an interesting contrast of materials. From these the next step is the formal Spanish hearth with carved pillars and mantel, ornate iron brackets and crimson cushions on the hob seat which invite one to build castles in the coals.

The adobe *bancos* or benches that hug the fireplace break the surface of the side walls, while the wing wall gives a sweep of line to these angles that composes as it rises toward the highest point of the fireplace. Niches also offer interesting deviations and add a note of color as well, for they are favorite resting places for the painted figurines of the saints, for rare Indian jars, or for a pot of Oxalis whose deep green leaves and magenta flowers prove a delightful contrast against the whitewashed finish. In one beautiful room electric bulbs hidden in the niches become wells of light at night, the smooth surface of the hollowed niches emphasizing the rough stucco surface of the walls.

These simple whitewashed walls are valuable for the plain surfaces they offer and for their variegated textures. The whitewash is not the commercial product but gypsum of *yeso* that is dug out of the hills, mixed with water and spread by hand. On old walls this *yeso* has been applied so often that it is sometimes a quarter of an inch thick. Tiny cracks that vein its surface and the faint half circles of the handmarks left when the *yeso* was applied allow an interesting play of light and shadow.

Sunlight pouring through the windows gives an iridescence to these walls which take on the colors of old Persian rugs in the daytime, while at night the firelight dyes them a glowing crimson and makes a pattern of the shadow as it flickers over the uneven surface.

A colored border which bands the

opening of the fireplace and follows the baseboard around the room serves to tie the whole room to the fireplace. It is also made of a clay found in the foothills and is called *tierra amarilla* "yellow earth"—which is mixed with enough mica flakes to make it look like roughly applied gold leaf. In *Colorado* is used in the same way to give the metallic luster of copper. Of every tint from yellow to rose lilac are found in the foothills and used instead of calcimine.

Simple hand-wrought iron equipment furnished these fireplaces. black lines of tongs and pokers, their long twisted handles, and circular old spoons stand out against the white background. In the large fireplaces quaint andirons support back logs but in the smaller ones sticks rest vertically against the chimney back as they burn. Sometimes a grate in the shape of a round Spanish brazier holds a bed of glowing coals. Families of trivets, from the modern to the old, which are portly enough to support a large brass kettle or a copper trivets holding a single copper kettle crowd up close to the coals.

An old candelabra brought here hundreds of years ago by some Franciscan priest may have the place of honor on the mantel shelf, its carved iron catching the purple and green light of the flames, while brass candlesticks which have done service in some chapel flank it on either side. Sconces of simple designs, odd brackets of fluted tin, or tall stands of wrought iron offer resting places for waxes or tapers. Elaborate tin and glass frames for the gayly-decked figurines of saints repose in their niches beside the fireplace. Wheat straws, bound together by the old men on winter evenings, serve as hearth brooms.

## CHESTS AND JARS

If one lifts up the covers of the wooden chests, some carved and some covered with deerhide or leather, discovers the hiding place of the wood. Small jewel chests with flowers and birds painted on the wooden surfaces ornament the mantel but are now filled with matchboxes and cigarettes.

Indian jars reveal the perfection of their design as they rest on a step against the wing wall, Indian rugs with striking patterns, and goat-skins boasting long silky hair, are favored by the family cat who simmers a dozes before the open fire. The blue and brown stripes of Chinese blankets, so often used as hanging the doorways, add intriguing horizontal lines to the picture and give a feeling of intimacy and seclusion to those who gather around that hearth of home—the fireplace.





*It is Sterling —*

*more can not be said.*



# The Early American Style

## FASHION SANCTIONS THE EARLY AMERICAN

The generous appreciation today for the beauty of Early American silverware made this exquisite pattern in Treasure Silver as smart as it is lovely. The "Early American" is scrupulously faithful to its inspiration, for it was created directly from the greatest collections of American period silver—the Museum of Fine Arts in Boston and the Metropolitan Museum of Art in New York. In homes where fine taste and fine living are a matter of course, the "Early American" style in Treasure Silver is prized by the woman who loves the things that are solid and genuine. Ask the best jewelers for the "Early American" pattern—newest of the Treasure Silver designs.

We should like to send you an illustrated brochure explaining the "Early American" style. May we?

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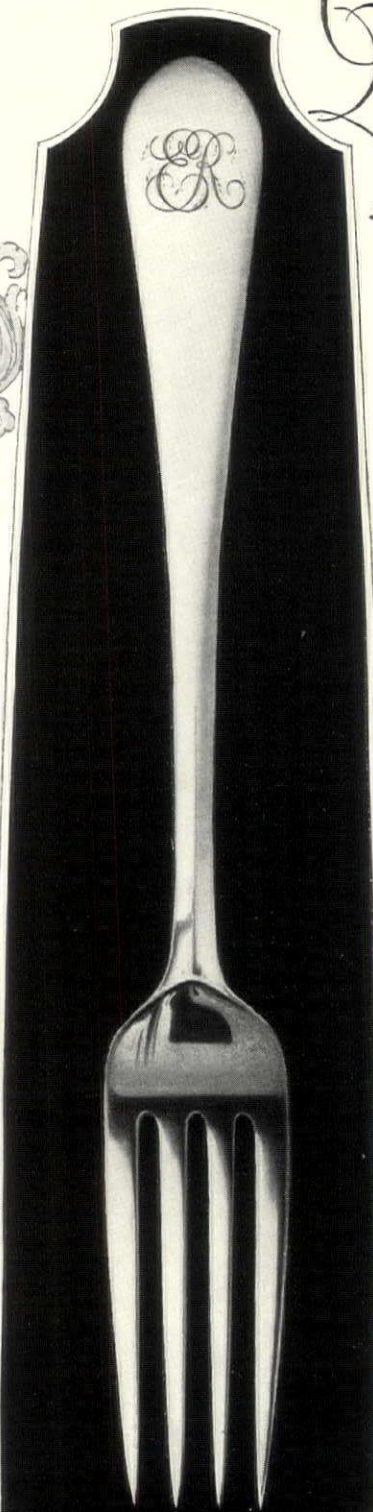
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Member of the Sterling Silver-  
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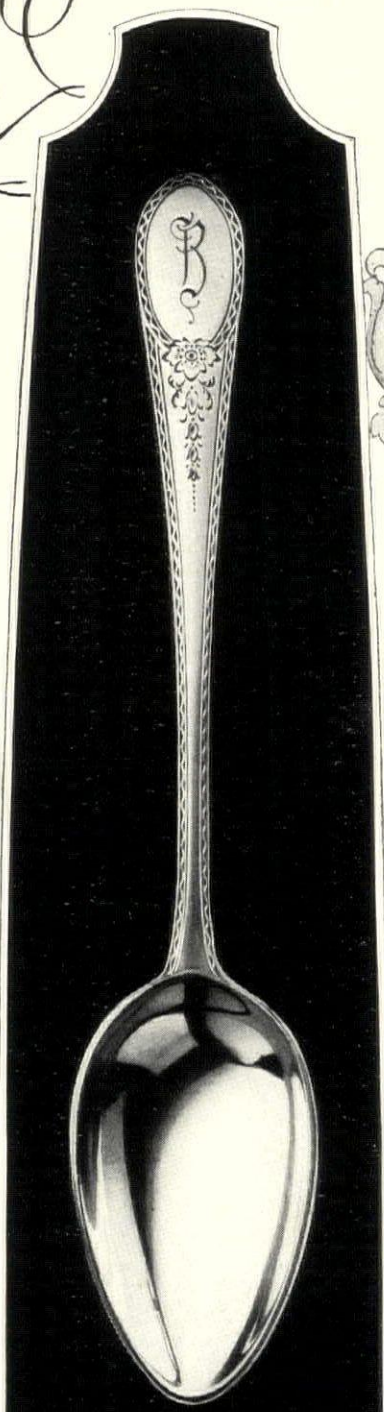
EARLY AMERICAN STYLE

(in) TREASURE  
SOLID SILVER

*Sterling 925/1000 Fine*



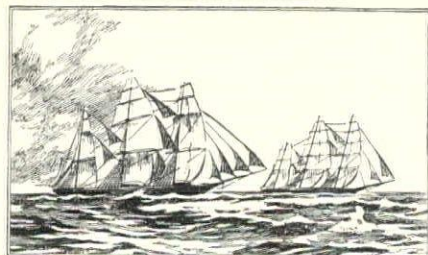
PLAIN



ENGRAVED







ARIEL AND TAEPING

"Oh the little more and how much it is;  
Oh the little less and what miles away."

—Robert Browning

On May 30, 1866, the "Ariel" and the "Taeping" set sail from the Pagoda anchorage at Foo Chow for London. After ninety days of sailing over sixteen thousand miles of ocean they were but five miles apart off the Lizard.

## Danersk Early American Furniture



Seymour sideboard of mahogany inlaid with satinwood

**E**VEN in furniture the spirit of Browning's words quoted above and the story of the "Ariel" and the "Taeping" applies.

Just a little more attention to tradition in design makes all the difference between commonplace furniture and pieces which you may take just pride in possessing.

A little more thought and planning regarding your color harmonies may result in a room of true imagination and charm, rather than one in which you miss a definite unity of appeal.

The choice artistry of Danersk Furniture is a permanent contribution to the beauty of any home, but to understand good furniture it is really necessary for you to see it. For that reason we urge you to call at our salesrooms in Chicago and New York.

Our Early American furniture constitutes a collection of authentic designs made in the spirit of long ago. The pieces range in style from the early forms of maple and pine dating from 1690 to 1725; walnut highboys, lowboys, desks, etc., from the period of 1700 to 1750; and choice mahogany furniture after Duncan Phyfe, McIntire and the great English cabinetmakers of the 18th Century.

\* \* \*

**A**BOVE is a serpentine sideboard made of San Domingo mahogany and reproduced with careful regard for each detail of proportion, inlay and finish.

The range includes both complete rooms at modest prices for simple homes and more elaborate pieces of great dignity priced on the actual cost of making today.

ERSKINE-DANFORTH CORPORATION

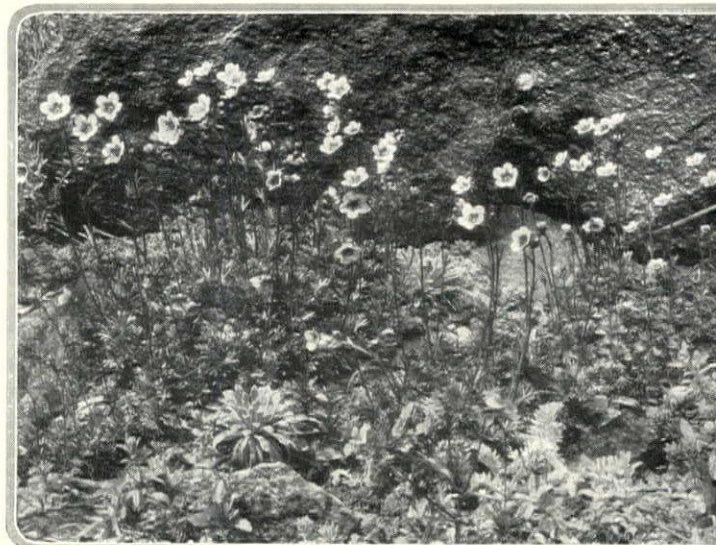
383 Madison Avenue, New York City

Opposite Ritz-Carlton Hotel

Chicago Salesrooms: 315 North Michigan Avenue

Distributor for Southern California: 2869 West Seventh Street, Los Angeles

Factories in New England



Among the pink-flowered Saxifrages are *S. aizoon rosea*, *S. rhei superba* and *S. dicciensis* Guilford seedling, illustrated here. It is a mossy Saxifrage with shell-pink flowers

## PINK IN THE ROCK GARDEN

(Continued from page 94)

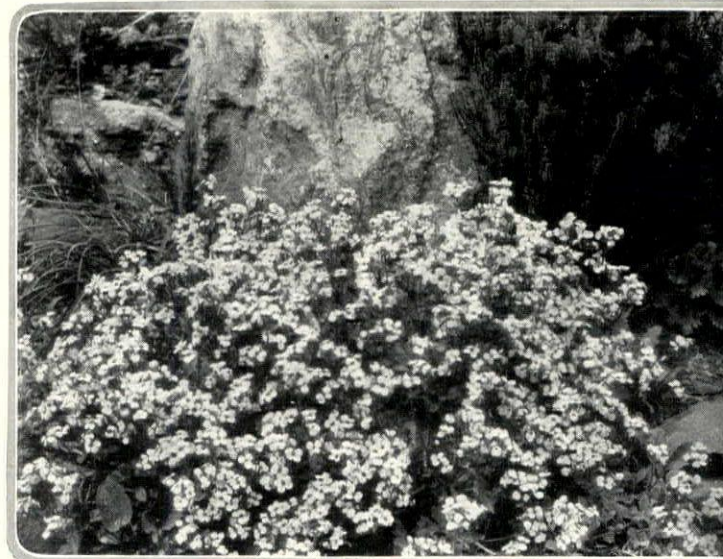
leaves, Pine or Hemlock needles and white sand—and which must be lightly covered with leaves and needles for at least a year after planting. Then there are the graceful Trilliums, *T. stylosum* and *T. cernuum*, loving shade and a fat woods soil, and the rare pink form of *T. grandiflorum*—born pink, not merely flushing as the flower ages. The pink Lady'slipper, *Cypripedium acaule*, will come a bit later and enjoys the same soil prepared for Arbutus. If you have an old Chestnut stump or great rotting log use it as the center or background for beds of acid soil.

One of the very best pink-flowered rock plants is *Silene pennsylvanica* that decorates the rocky hillsides and ledges of the East. In different localities the color varies and it is found from pale pink to quite a bright rose-carmine. It is a most kindly plant, spreading by self-sowing where it is happy, but it is safe to say that it is not happy where lime is present in the soil. As we turn to the Far West we find its beautiful relative, *Silene*

*hookeri*, a low plant with a fleshy stock that bears very large blossoms of a pure tone. At heights grows *Silene acaulis*, a like little plant that covers itself with bright pink blossoms in its haunts, but when brought into city often refuses to bloom, its small greenery spreads into little mats. I should be glad to from any who have been successful in flowering *Silene acaulis*.

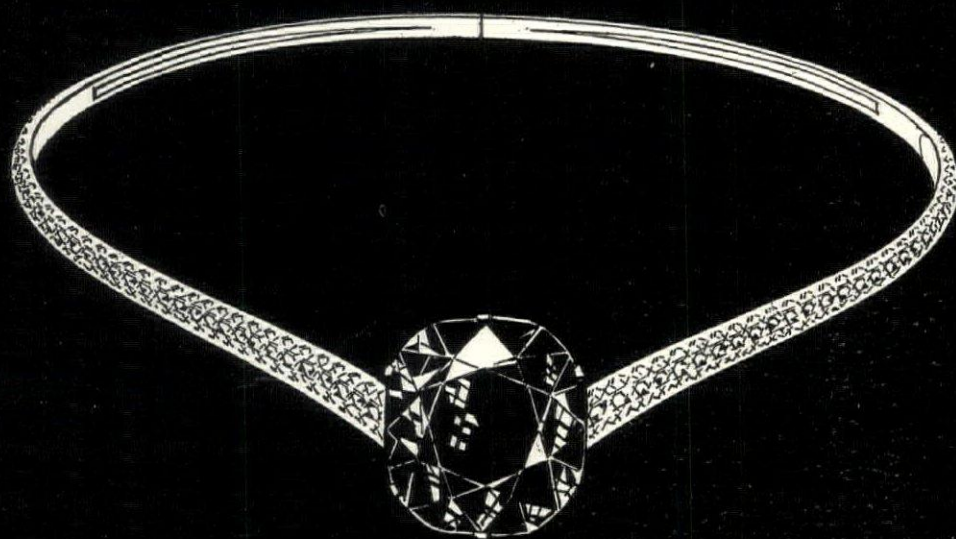
And while we are considering fern plants with pink blossoms should speak of the spectacular isias. These are as yet little known in Eastern gardens but they are extremely attractive and handsome. They form fine rosettes of short stems clusters of distillate flowers. I have grown a number of them on a rocky slope of the garden facing due east with some protection from the southern sun they have lived and blossomed several years. The soil they seek

(Continued on page 126)



If given a sheltered position *Arabis albida rosea* makes a lovely show in late March. There are two pink kinds of *Arabis* in addition to the white. It should be clipped over after blooming





© B. S. & F. '27

THE NECKLINE OF BEAUTY : : In a sapphire and diamond necklace Black Starr and Frost have developed a new thought in jewelry design—the neckline of beauty.

*The necklace is shaped so that it takes the graceful contour  
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SUMMER GARDEN—This hand-blocked wallpaper comes in two colorings; one in delicate tones of grays, with a touch of soft blue, mulberry and yellow, on gray ground; the other in strong browns and gold with dark reds and blues, on a café au lait ground.



## LLOYD WALLPAPER

of Chinese Motif

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## PINK IN THE ROCK GARDEN

(Continued from page 124)

like is deep and sandy and full of leaf-mold. The handsomest variety is *L. tweedyi*, but *leana* and *howelli* are also lovely, and the Bitterroot, *L. redixia*, is one of the prettiest. It dies away after giving its large pink satin blossoms, but the spot where it grows should be marked, for it will again arise with the coming of the new spring.

### TO RAISE FROM SEED

Among the foreigners few families give us more enchanting pink flowers than do the Aethionemas. These are little low bushlings, their small leaves often gray or bright blue-green, which harmonize delightfully with the heads of pink flowers that finish the little branches. All of them love the fullest sun and a soil gritty and well-drained and impregnated with lime. They are charming for a wall, a cliff or any high place in the rock garden. After flowering they should be clipped over to keep them from growing leggy. They are easily raised from seed and will self-sow themselves when happily situated.

The alpine Pinks, of course, are rich in flowers of the hue under consideration. These, too, are most easy to raise from seed and the greater number of them may be comfortably housed on any sunny, properly constructed rock garden. One of the best of all is *Dianthus neglectus*, the undersides of whose bright pink blossoms are buff-colored.

The Arabis tribe we think of largely as white-flowered, but there are two very pretty pink species that are decidedly worth growing. *Arabis albidia rosea* with shell-pink blossoms is very lovely and often blooms during March. *A. aubrietiioides* is more compact and smaller all through and the blossoms are a delicate mauve-pink. These plants also are the better for a good clipping after flowering, and division every few years keeps us well stocked with compact and sturdy plants.

*Phlox subulata* Vivid gives us one of the handsomest spreads of delicious pink color available; and both *P. amoena* and *P. pilosa splendens* are good. The Helianthemums (Sunroses) are attractive little bushes, many having hoary leaves, among which we find numerous pink-flowered sorts. They may be grown with the greatest ease in a sunny situation where the soil is well-drained. They are effective where they have a large stone to spread over. After flowering the bushes should be well cut back in order to maintain a shapely outline. Lissadel Seedling is one of the prettiest forms I have seen, displaying several lovely tones of pink and old rose. Helianthemums are easily raised from seed. The Thrifts (*Armeria*) are an altogether pink-flowered family, save for an occasional albino. They run a delightful scale from pale blush to striking rose-carmine, and are the pleasantest and most useful little plants imaginable. All save *A. caespitosa* may be raised from seed and grown in any sunny well-drained position with the greatest ease. This diminutive charmer is safest in a more or less vertical crevice with a good

depth of sandy soil behind and in the sun. It forms a huge little spiky rosettes stuck all over late April with rounded heads of flowers.

From both Geraniums and Erodiums we derive a few dainty pink-flowered species for the rock garden which have the added beauty of silvery or silvered foliage to set off the pink blossoms. *Geranium argenteum* is said by an enthusiast to be one of the loveliest things in Nature with its glistening silver foliage and "great dog-rose blossoms." *Erodium cicutarium* is only a little less lovely because its blossoms are not so pure in color nor its leaves so silvery. The two do not much exceed six inches in height, and with the little foliage spreading *G. sanguineum lancastrae* make a trio which should be found in every rock garden where dainty exquisite things are prized. The enchanting of the Erodiums includes *supracanum*, with richly silvery leaves and blossoms like fluffy pink butterflies. Both Geraniums and Erodiums are very easy to raise from seed. They enjoy a high position in the rock garden and sunshine for the greater part of the day. A light soil and a deep root-run please them. They dislike disturbance and should be moved while very small.

And then we have the Androsaces, typical high mountain plants, many of which, however, will come to our aid in our land rock gardens and thrive in the most gracious luxuriance. *Androsace agnifolia* is a rarely lovely trailing plant with soft gray stems and leaves and clusters of sprightly Verbena-like blossoms on short stems borne almost throughout the season. Its home is in the Himalayas. A warm sandy slope and outcroppings of rock makes a situation for it. *A. sarmentosa*, *chumbyi* and *A. primuloides* are delightful with widely ranging rosettes, hairy and gray, and gay umbrellas of blossom most abundantly borne in various tones of pink and rose. *A. sempervivioides* is altogether with green fleshy leaves, very neat and tiny, and bright blossoms. It is the earliest to bloom, a nice little plant for a choice spot where it will not be disturbed by the encroachments of more sturdy neighbors.

Among the very latest pink-flowered plants to bloom are *Silene schajkowskyi*, *Sedum sieboldi*. They are not very precious and we are not critical of the quality of their rosininess at so late a season.

### A SELECTION OF PINK FLOWERS FOR THE ROCK GARDEN

*Aethionema armenum*: Graceful bushling of four inches.

*Aethionema grandiflorum*: One of the largest of the race; long prostrate branches.

*Aethionema jucundum*: The loveliest; about three inches tall.

*Aethionema persicum*: Love the best for the beginner.

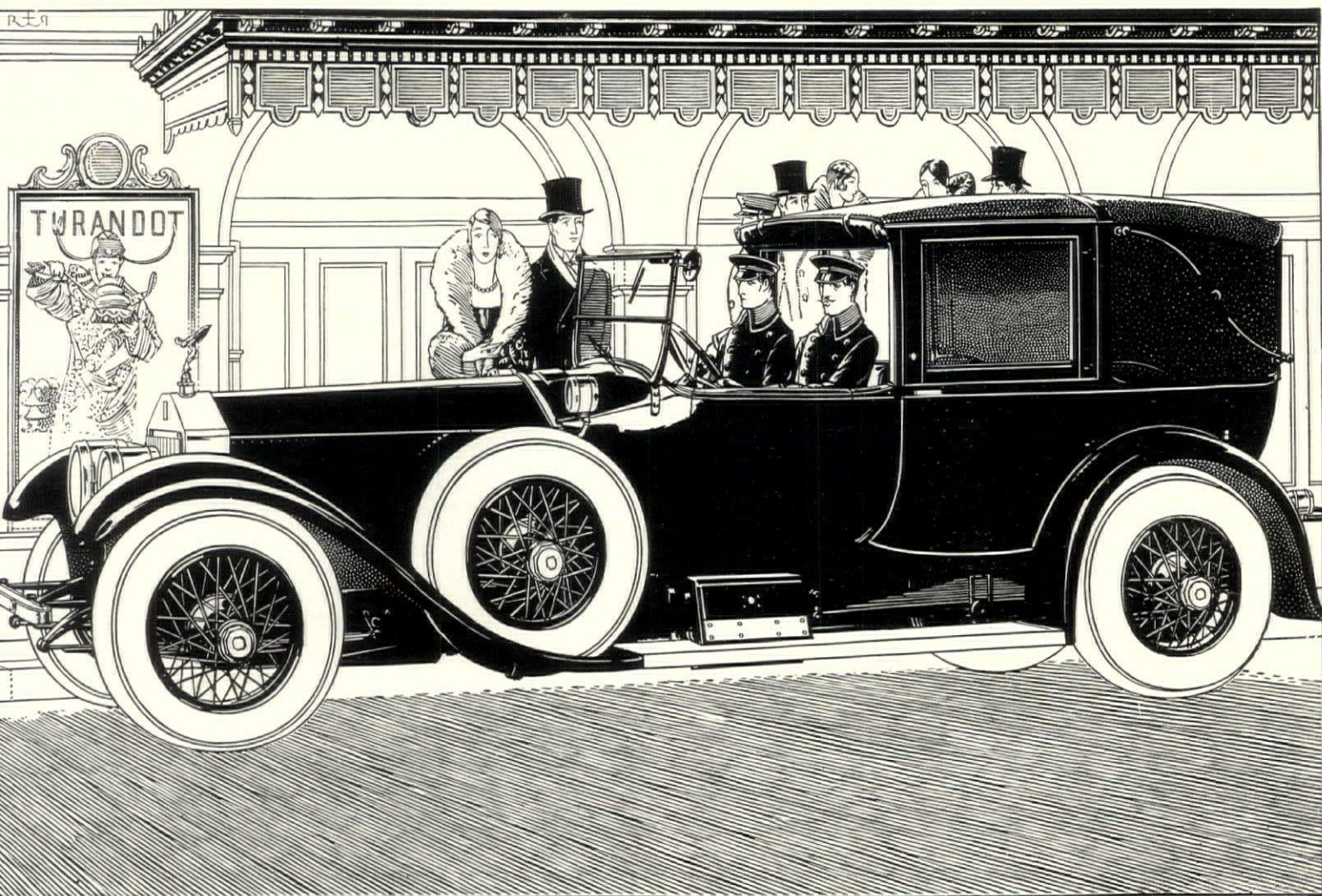
*Aethionema Warley Hybrid*: Liant flowers, low bushling.

*Androsace carnea*: Tiny evergreen rosette, small pink flowers.

*Androsace lagleri*: Much the same as *A. carnea*.

(Continued on page 176)





...TE naturally, some women choose Rolls-Royce. It becomes as much a part of their background as a box at the opera . . . seats at the Philharmonic . . . membership in the Metropolitan Museum. Their good taste is as unquestionable as that of their costumes. It exercises discretion as truly as the houses they live in or the friends who gather there.

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*as a searchlight  
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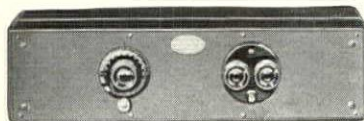


Model 32, the extra powerful seven-tube ONE Dial receiver, less tubes and batteries, but with battery cable attached, \$140.

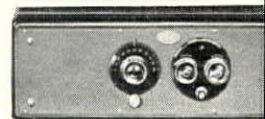
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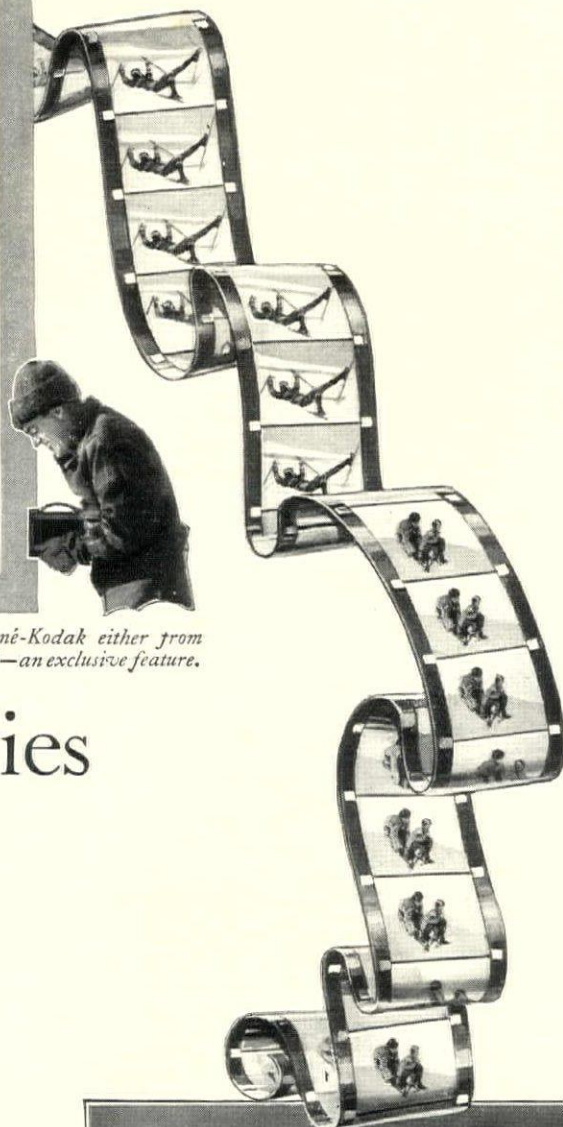
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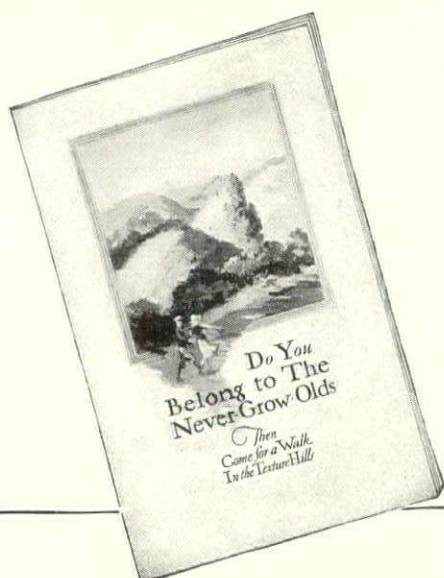
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# CRAFTEX COMPANY



*Maize or Indian Corn is America's great contribution to the cereals of the world. Its history stretches back into the dim past of our American Indians*

## THE TEN MOST USEFUL HER

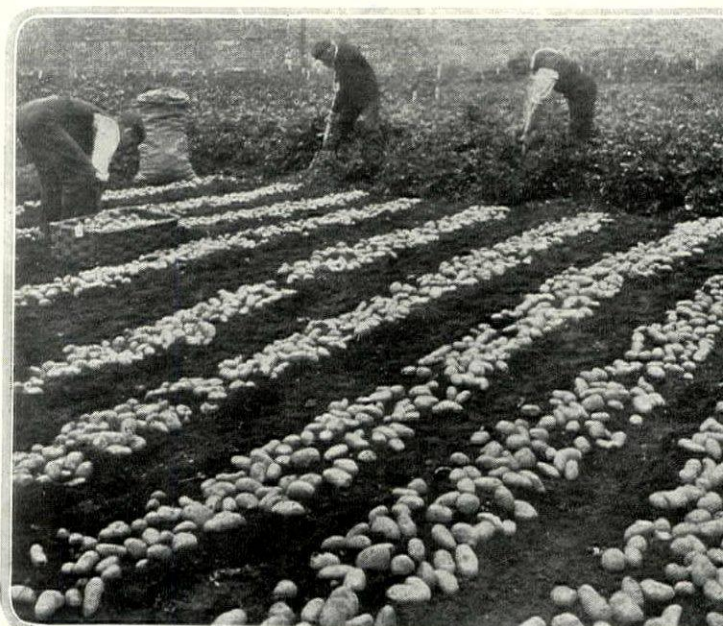
*(Continued from page 98)*

lands. Such wild Wheat Grasses are of no value as food plants, yielding but little grain. On the other hand, the cultivated species which may be correctly spoken of as Wheats are of vital importance to man. Wheats have been cultivated from immemorial time but nothing is actually known of the original wild forms from which they are descending. Quite recently northern Palestine and adjacent Syria have been suggested as the home of the Wheat, but it is doubtful if this grain had its early home in that old settled region. More likely it was brought there by early migrations of man from central Asia.

It is hardly necessary to enter into any details of the plant with which we are all familiar. It is now one of if not the greatest crop in this country, in Europe, India, Australia, the temperate regions of South America and Africa. It is safe to say that there is scarcely a country outside of the

equatorial regions where cultivation practised that Wheat is not grown. Plant-breeders have given much attention to this cereal. Races best adapted to the climatic conditions of the central parts of this country, of Canada, of Australia and Europe have been evolved. In Canada especially wonderful work in Wheat-breeding has been done. There is now a race that matures its grain in about 90 days, which means that the Wheat belt is being pushed farther and farther north. We who buy our bread from the baker know but little of the work done to make the daily loaf available to all. If we did, the phrase "Give us our daily bread" would take on a new meaning and gratitude would fill our hearts to overflowing. We should bless the name of those who labor on farm and in laboratory to work this miracle.

Wheat is the most important crop  
*(Continued on page 132)*



*In addition to Corn and Tobacco, America has given the world the Potato, both the sweet and the white varieties. The former is a relative of the Morning Glory and the latter of the Tomato*



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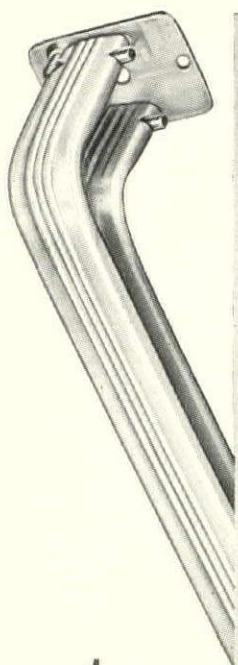
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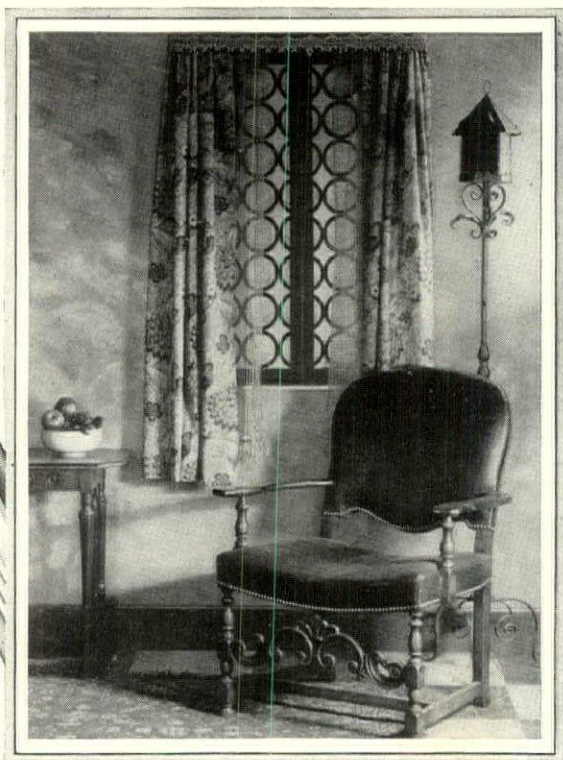
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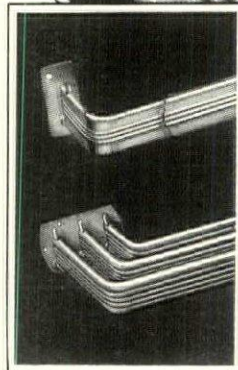
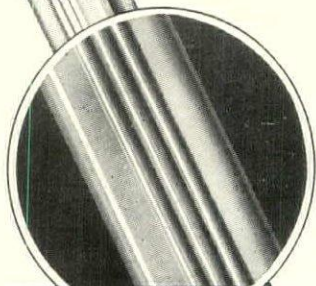
# JUDD

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This leaded casement window was draped on a Judd Bluebird Double Rod. The glass curtains are of two-toned Italian net, overdraped with the Carmencita Print in natural linen and Pistache Green. The pelmet is of Green velvet and Gold galloon.

At left is illustrated the Judd Bluebird Double Rod used above. The section in the circle below is actual size, to show the three stiffening ribs, an exclusive Judd feature that prevents sagging.



Above are illustrated the single and triple styles of Judd Bluebird Curtain Rods. You can see the Can't-Fall Hook-Hanger and the three stiffening ribs in these pictures.

## "Bluebird" Curtain Rods

rods now in vogue are one of the latest contributions to the beauty of the American home made by the old-established house of Judd.

## THE TEN MOST USEFUL HER

(Continued from page 130)

in the United States, Canada, Europe, Australia, and indeed throughout the greater part of the temperate zone of both the Old and the New Worlds. In the tropical and sub-tropical regions the case is very different, especially in the densely populated countries of Asia where agriculture is the principal means of livelihood. In all these countries Rice is the "staff of life", and, as a matter of fact, it is the principal food of about one-half of the whole population of the earth. Amongst the important Rice-eating countries are the Chinese Empire, British India and Japan with a total population of eight hundred million.

### ANCESTRY OF RICE

The cultivation of Rice extends back into the dim past, and there are no authentic records as to when it first began. The plant's original home was probably southeastern Asia, but it has been cultivated for many ages and introduced into almost every warm region of the world, so that it is impossible to be certain in which country it was first found or cultivated. Evidence points to the Chinese having been amongst the earliest people to cultivate Rice, and such great value was attached to it that in the annual ceremonial sowing of important plants, inaugurated by the Emperor Shen-nung as far back as 2,700 B.C. Rice had to be sown by the Emperor himself, whilst the four other plants of the ceremony might be sown by the princes of his family. In India, Rice has been cultivated for thousands of years. Theophrastus mentions that Rice was grown there, and the Greeks probably first became acquainted with it during the Indian expeditions of Alexander the Great. It was introduced at an early period into Syria and Egypt. In more recent times Rice has spread into Spain, France and Italy; the first cultivation in the last-named country being stated to have been near Pisa in 1468.

The plant is believed to have been introduced into America in 1647, when Sir William Berkeley raised a crop of sixteen bushels from half a bushel of seed. A second introduction took place in 1694, when an English ship homeward bound from Madagascar put in at Charleston through stress of weather. The captain paid a visit to the then Governor of Carolina, Thomas Smith, whom he had previously met in Madagascar. Smith expressed a wish to try to grow some Rice in a swampy piece of land in his garden, and the captain gave him a small bag of seed which he happened to have on board. The site of the garden is still pointed out in Charleston. The experiment proved a brilliant success, and was the beginning of the flourishing Rice industry of Carolina.

Asia is the most important Rice-growing area of the world, for, excepting in the northern portion of that continent, Rice is universally cultivated. In Africa the chief rice-producing country is Egypt, owing to the very favorable conditions prevailing in the Nile Valley.

In the cultivation of Rice, the pa-

tience, ingenuity and incredible industry of the Chinese are particularly well exemplified. The terraced necessary to ensure a flow of whether it be on a seemingly flat or on a steep hillside, meet the traveler on all sides. The way in which the entire Rice China is terraced is little short of marvelous and the enormous amount of time and labor involved in the undertaking indicate what a hard master necessity is. In matters of irrigation the Chinese are past masters. They have not yet succeeded in getting water run uphill, but with various contrivances they lift it from streams and ditches and carry it long distances to wherever needed.

Rice cultivation presents many details and the layman will probably find it difficult to realize the China the whole crop is planted by hand. The grain is sown thick in nursery-beds, and when the seedlings are 5 or 6 inches tall they are planted in small clumps equidistant in the flooded, prepared fields. Men and women take part in this work, and it is surprising how rapidly the fields are planted. The Rice plants are firm in the mud by treading and they immediately they are established. The fields are kept free of weeds by the requisite supply of water is maintained until, as the crop ripens, the fields are finally allowed to go dry.

### AMERICA'S GIFT

Maize or Corn (*Zea mays*) is America's great contribution to the cereals of the world. From the knowledge of the Peruvian Incas it is known this grain was cultivated in the New World long before its discovery by Columbus. Indeed, at that time it reigned from Brazil to Canada, from Chile to California, furnishing sugar and drink to the natives of a vast area. Buried in the soil of the shores of Peru to a depth of 800 feet, Darwin discovered ears of Maize. It has not yet been found in a state and probably never will be. Naturally it was one of the first crops taken to the Old World by the Spaniards and was in cultivation in Spain about 1500. Its great food value and ease with which it could be grown, its abundant yield are all in favor of its rapid spread. Today there is scarcely a region in the warm temperate tropical parts of the world where Maize is not one of the staple crops. Hundreds of different varieties are cultivated. Some grow only a few inches in height while others are 10 feet tall. Some come to maturity in a couple of months while others require 6 or 8 months to ripen. There is also great variation in shape, size and color of the grain. Some are white, others yellow, purple and even striped.

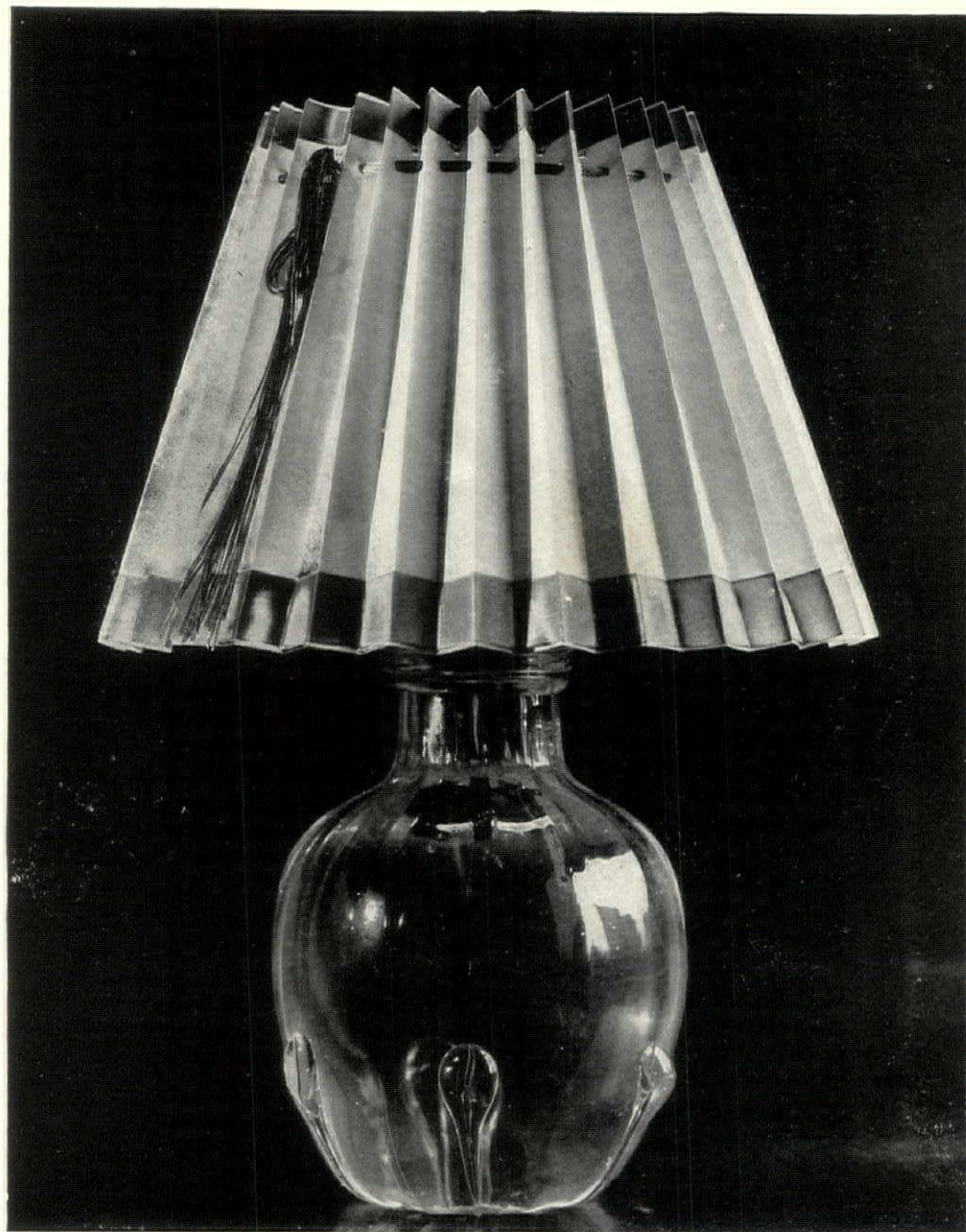
In the mythologies of the American Indians, more especially those of Central America, Maize holds an important place; indeed, in some it is associated with the creation of man. In Mexico it was given the rank of deity and at seed-time and harvest

(Continued on page 134)



# VENINI & CO. VENETIAN GLASS

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## THE TEN MOST USEFUL HERBS

(Continued from page 132)

priests of the Maize God paid ceremonial visits to the Corn fields and executed solemn rites which appear to have involved human sacrifice. So much was this cereal esteemed by the Incas of Peru that they decorated their palace gardens with Maize in gold and silver.

## SWEET AND COMMON POTATOES

Both the Sweet and Common Potato, the greatest starch yielding root-crops of the world, are American, although today they are cultivated the world over. Though both are called Potatoes they belong to quite different families. The Sweet Potato is the product of *Ipomoea Batatas*, a member of the Morning Glory family; the Common Potato, (*Solanum tuberosum*) is a member of the Tomato family. In the Common Potato it is an underground creeping stem that swells to form the familiar tuber. In the Sweet Potato, on the other hand, it is the root that becomes enlarged as is the case in the Dahlia. In other words, the fleshy parts of the latter are roots pure and simple, whereas, those of the ordinary Potato are subterranean branches. The Common Potato is more at home in the temperate and cool-temperate regions of the world, but the Sweet Potato thrives best in tropical and subtropical regions.

The Common Potato is wild in Chile, and its cultivation was spread over a goodly portion of Central America before the discovery of the continent by Europeans. It appears to have been introduced into Virginia and North Carolina toward the later half of the 16th Century. It was carried to Europe between 1580 and 1585, first by the Spaniards and afterwards by the English at the time of Raleigh's voyages to Virginia. For many decades after its introduction into Europe the Potato was despised and the same is true in other parts of the world. The Chinese, even today, speak disdainfully of this useful tuber. In England it was not until late in the 18th Century that the Potato was cultivated to any great extent. Famine in different lands aided largely in making this indispensable vegetable properly known.

In a wild state the tuber of the Potato seldom exceeds the size of a Walnut, but under cultivation the plant has vastly improved and varieties innumerable have been raised. These differ not only in size, form, and color but in length of time taken to mature and in being waxy or dry and floury.

The Sweet Potato has not yet been found in a wild state though it is probably of South American origin. Columbus found it cultivated when he discovered the New World and on his return, in presenting himself to Queen Isabella, he offered her various productions of the New World, among them the Sweet Potato. Its cultivation in Spain began soon afterwards and was already common early in the 16th Century. The Spaniards carried it to the Philippines and Moluccas, whence the Portuguese diffused it throughout the Malay Archipelago. From the records of the Maories and other Polynesian voyagers the Sweet Potato was one of the indispensables carried with them on every voyage. These

navigators made wonderful voyages the Pacific and had much to do in seminating useful plants throughout the whole of Polynesia. It is probable that if their history was properly known it would throw much light on the carrying of American plants to the Orient.

Cane-sugar is obtained from *Saccharum officinarum*, a stout, growing perennial Grass, familiarly called the Sugar-cane. Universally cultivated in the tropics, it is supposed to be native of southeastern Asia. China, Sugar-cane has been grown since remote times and is mentioned in a poem written between A.D. 100 and 139. In India and Malay cultivation is equally ancient.

The Sugar-cane is a reed-like plant with stems from 8 to 15 feet high. There are many varieties, some with red-purple and others with green stems; some as thick as a man's arm, others no thicker than his thumb. Sugar is obtained by crushing the stems, evaporating the expressed juice, and refining the product. It is one of the major crops of the tropics and its cultivation has laid a heavy hand on the rich soils of equatorial lands.

## THE SUGAR-BEET

Other stout Grasses, like Maize and Broom-corn, contain a certain amount of sugar in their stems and stalks also obtained from certain Palm trees we must not forget, from our Sugar Maple (*Acer saccharum*). However, the only serious rival of the Sugar-cane is a member of a large northern family, *Beta maritima*. The Sugar-beet has been experimented with carefully during the past half century and races yielding more than 60 per cent of sugar are now grown. As a root-crop it flourishes in cold soils in the colder central parts of this country, in northern Europe, in Manchuria, and is destined to extend its dominion widely.

Nowadays, in the fruit shops there is no more familiar fruit than the Banana. Millions and millions of bunches are brought from the Indian tropics and readily disposed of. It is only recently that this tropical fruit has become popular with the people of the north temperate region; indeed, the industry is scarcely a quarter of a century old. The people of the tropics, however, have considered the Banana a staple fruit far back into the dark ages.

There are many wild species of Banana but the edible Banana appears to be the product of one known as *Musa sapientum* and has numerous varieties. All the Bananas are technically called natives of the Old World, especially of the Indo-Malayan region. The Banana has been so long cultivated that it has lost the power of producing fertile seeds, its increase being effected by suckers. It is the most productive of all plants once planted in the rich soil of the tropics requires little attention and usually it pushes up stems each of which bears an enormous head of fruit often weighs as much as one hundred pounds.

(Continued on page 138)

# Rolscreens

## Twice-a-Year "Screening Duty" Is Over

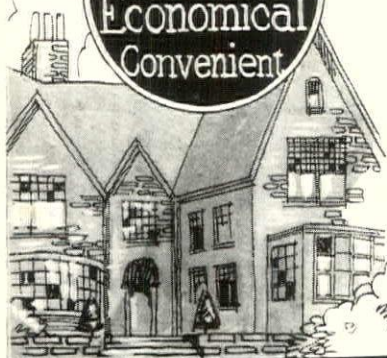
The modern home includes the permanent Rolscreens for either casement or double hung windows—always in place—yet quickly rolled out of sight, completely protected and stored for a day or the season.

Rolscreens are all steel construction with the superior screen mesh possessing beauty as well as lasting durability.

We shall be pleased to send you upon request a detailed description of Rolscreens.

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Handsome  
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Ask your window dealer





# MARTINIQUE

*an exotic chintz, filled with the  
life and color of the Tropics*

The delights of Martinique, that volcanic little island of the West Indies, with its sugar-cane and cocoa-palms, its serpents and colorful carefree Africans singing and dancing through the languorous tropic nights and warm, sapphire-blue sea—form the exotic design of this Schumacher chintz.

In color it is distinctly modern, for it comes in *cuivre* (copper, but with a salmon tinge), *noir* (the green of the sugar-cane is especially effective against the black), *bis* (a soft biscuit color), and *vert* (the new Adam green).

The story of the design goes back to the year IX of the calendar of the French Revolution (1800).

Certain M. Pelletan, wealthy planter of Martinique, fearing for his profit because of a proposed restrictive block-law, journeyed to France to organize methods of smuggling his sugar into the country. Desiring to take back to his daughter, Zulmé, something to please and amuse her, he commissioned a local artist to make a painting of characteristic Martinique scenes.

In this ceaseless searching into the creative achievements of the past, adapting them to the newest trends, distinguishes Schumacher fabrics



*An 18th Century French artist's conception of a languid tropical isle—here given modern interpretation in chintz. It comes with ground of cuivre, noir, bis or vert.*

—gives them variety, assures their authenticity of design.

Whatever your decorative needs, there are Schumacher fabrics especially designed for them—rich velvets, lovely brocades, brocatelles and damasks, fascinating prints, chintzes and toiles de Jouy, splendid, lustrous satins and taffetas, beautiful tapestries and embroideries.

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Interior Decorator"*

**H**OW you can, without additional expense, have the professional services of an interior decorator for your furnishing problems, is explained in the booklet we have prepared, "Your Home and the Interior Decorator."

It shows how much the decorator can help you in furnishing your home attractively. Take your problems to a decorator, upholsterer, or the decorating service of a department store and they will arrange to show you Schumacher fabrics. They can promptly get special and carefully selected samples from us to meet your particular requirements.

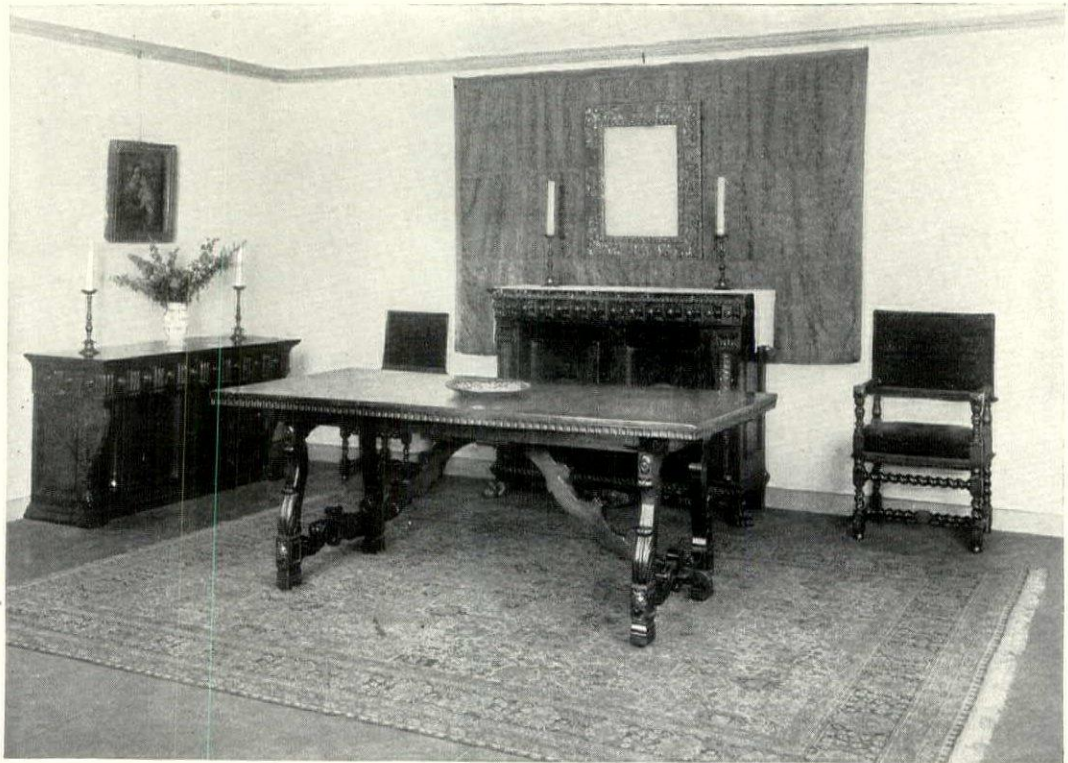
Attractively illustrated in full color, this book will be sent to you without charge upon request. Write to F. Schumacher & Co., Dept. E-2, 60 West 40th Street, New York. Importers, Manufacturers and Distributors to the trade only, of Decorative Drapery and Upholstery Fabrics. Offices also in Boston, Chicago, Philadelphia, Los Angeles and Paris.

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# KENSINGTON FURNITURE

AWARDED GOLD MEDAL OF HONOR IN NATIVE INDUSTRIAL ART  
39TH ANNUAL EXHIBITION ARCHITECTURAL LEAGUE OF NEW YORK



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Furniture of the period is characterized by a perfect balance of proportions and a scholarly ren-

dering of classic detail that give it an unsurpassed dignity and make it especially suitable for rooms of a somewhat formal character.

In Kensington reproductions, from such collections as the Davanzati and Bardini, the old-time hand processes of the Kensington craftsmen retain the individuality, character and decorative quality of the originals.

Kensington Furniture is made in all the decorative styles appropriate for American homes

*The purchase of Kensington Furniture may be arranged through your decorator or furniture dealer*



*Write for illustrated Booklet H and pamphlet, "How Kensington Furniture May Be Purchased"*

SHOWROOMS, 41 WEST 45TH STREET, 6TH FLOOR





# "DE LUXE TRANSPORTATION"

- says the Commander of America's  
most famous ship

WHY is it so many American men and women of distinguished social, and artistic, and intellectual position drive the Willys-Knight Great Six in preference to other fine automobiles? ... Why do so many famous European personalities coincide so emphatically in their preference? ...

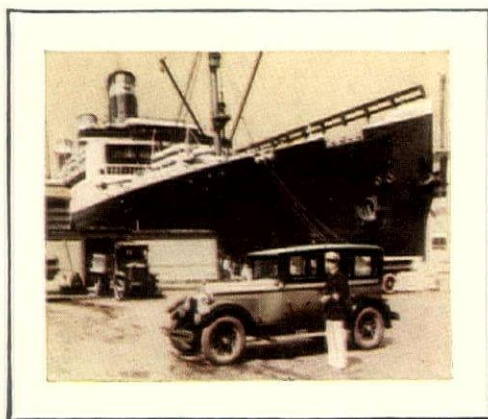
Why is it this car enjoys such unusual prestige—such widespread good-will among the most selective group of motor-buyers in this country and abroad? ... Here Captain Herbert Hartley—Commander of the world-famous "Leviathan"—states a reason ...

The Willys-Knight Great Six is to mention what the flagship of the United States Shipping Lines is to trans-Atlantic travel ... The word—here in this superfine automobile and pre-eminently, is true "transportation de luxe."

The Knight sleeve-valve motor—patented, exclusive. In this one great feature you find the leading reason for the irresistible forward march toward luxury-car leadership

*"At sea, the mighty Leviathan ... Ashore, my wonderful Willys-Knight Great Six ... That's my idea of transportation de luxe."*

(Signed) HERBERT HARTLEY



Captain Hartley boarding his Willys-Knight Great Six at the New York landing pier.

of the Willys-Knight Great Six ...

And the Knight sleeve-valve motor is a feature other manufacturers would pay millions to get, because international engineering authorities acknowledge its supremacy. Through years of tests, both here and abroad, it has proven itself the most efficient type of automobile motor built ...

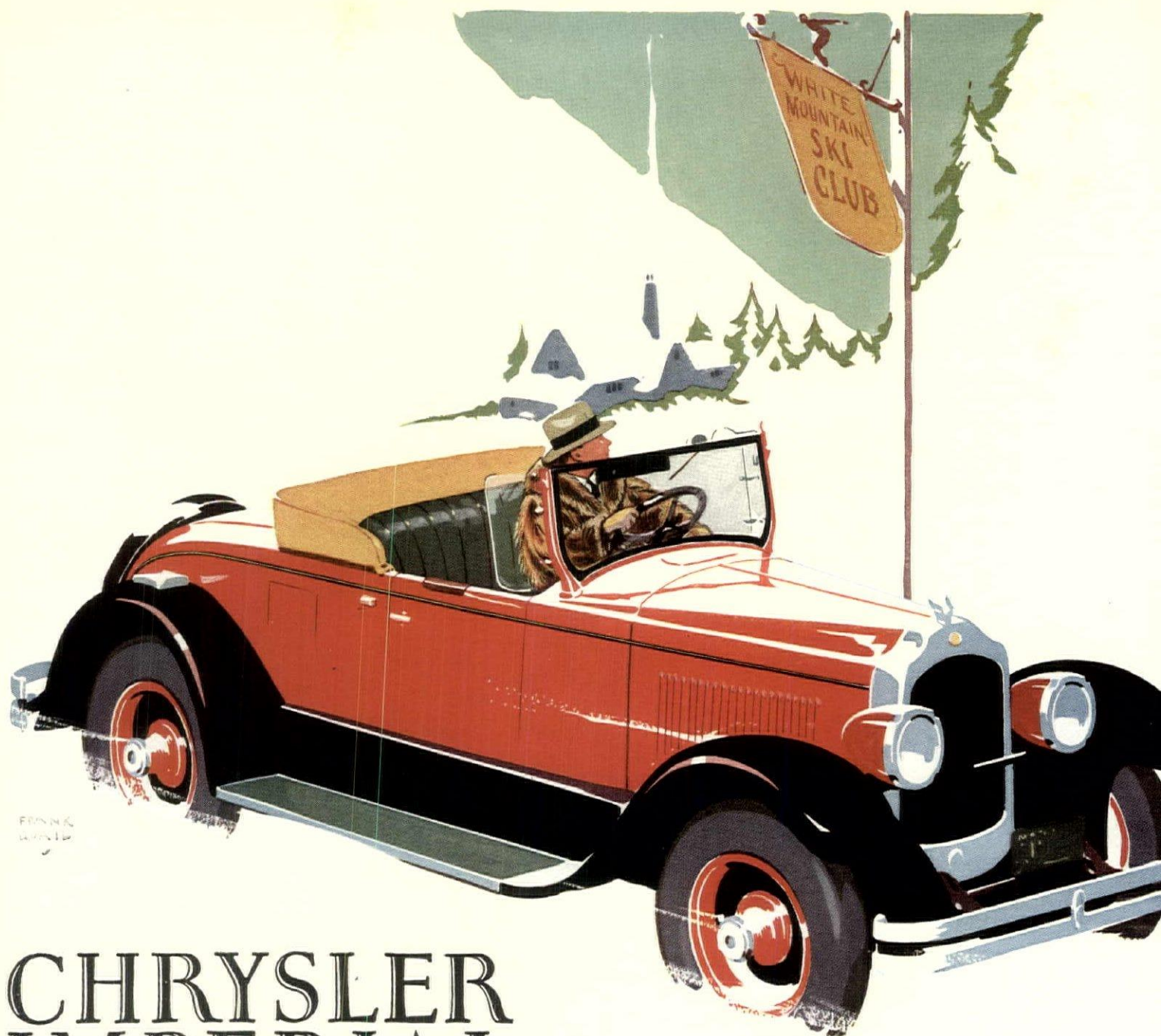
The same type of power plant used in the finest and costliest cars of Europe—the Belgian Minerva, the Panhard and Voisin of France, the British Daimler-Knight (you know what these great names stand for) the Knight engine of the Willys-Knight Great Six—no carbon troubles, no valves to grind, is considered in professional engineering circles to be the greatest major advantage ever possessed by any automobile.

Willys-Knight Great Six prices from \$1750 to \$2195. New "70" Willys-Knight Six from \$1295 to \$1525. Prices f. o. b. factory and specifications subject to change without notice.

The Willys Finance Plan offers unusually attractive credit terms ... Willys-Overland, Inc., Toledo, Ohio. Willys-Overland Sales Co. Ltd., Toronto, Canada.

## WILLYS-KNIGHT Great SIX





# CHRYSLER IMPERIAL "80"

## *The Supreme Interpretation of Chrysler Standardized Quality*

The Chrysler plan of Quality Standardization differs from, and is superior to, ordinary manufacturing practice and methods, because it demands fixed and inflexible quality standards which enforce the same scrupulously close limits—the same rigid rule of engineering exactness—the same absolute accuracy and precision of alignment and assembly—in the measurement, the machining and the manufacturing of every part, practice and process in four lines of Chrysler cars—"50", "60", "70", and Imperial "80"—so that each individual car shall be the Supreme Value in its own class.

Eight body styles, priced from \$2495 to \$3595, f. o. b. Detroit, subject to current Federal excise tax.

No matter how much you may admire the car you now own, the Chrysler Imperial "80" offers a decidedly new and *unique* adventure in joyous motoring.

From the moment of your initial experience in the Imperial "80" you will be satisfied with nothing less.

In speed, power, smoothness, luxury of appointment, riding and driving ease, the Imperial "80" is a challenge to you to be dissatisfied with the conventional and the commonplace.

It is an invitation to know the sheer delight of stepping from the finest car of yesterday to the *finest that money can build*.

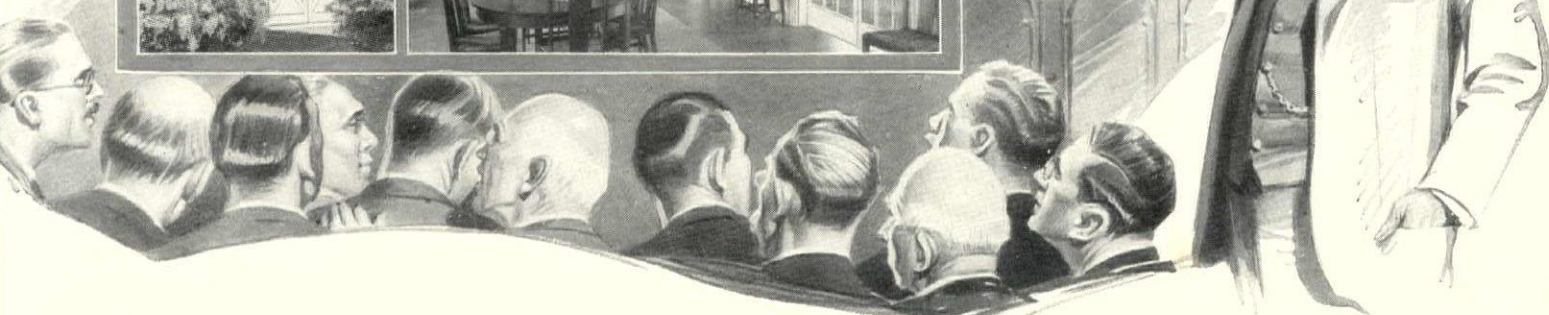


CHRYSLER MODEL NUMBERS MEAN MILES PER HOUR





*The Judge Polls America's  
Great Wood Jury*  
"Mr. Lumber Dealer, you are a member of the jury that rendered a unanimous verdict for the use of California Pine throughout the house. Why do you favor it?"



## The Retail Lumber Dealer says: "California Pine is the aristocrat of soft woods"

"I HAVE sold all woods for half a century. Not one, in my estimation, equals California Pine in its many specific qualities or in giving such all-around satisfaction. The experiences of my customers indicate their preference for it also.

"Architects like it for many reasons—for its uniform, soft texture and close, even grain which permits accuracy of construction and artistry in design.

"Builders tell me that California Pine holds its shape and form without warping or twisting, that it is wear-and-weather-proof to a surprising degree—that California Pine homes require few repairs and have high resale value.

"Carpenters say it is an 'easy working' wood, meaning it saves time in cutting, sawing and fitting, while preventing waste of material from chipping or splintering. Nails and screws are easily and quickly driven, without fear of splitting, no matter where inserted, and they are held snugly tight, permitting the most accurate joinery.

"Painters enthuse

over California Pine. Being light-toned in color, it readily takes any color paint, stain or enamel. It readily absorbs paint oils that tend to protect the wood from moisture, and, what is also important, the woodwork retains its smooth surface, because California Pine is free from hard and soft streaks which cause 'raised grain,' or 'wavy' effects in some woods.

"Home owners are invariably pleased. The beauty, the good taste and the economy of a California Pine home appeals to owners of homes in any price class.

"And I know that passing construction whims cannot affect its value because the soft pine species have been used in most of America's well built homes ever since the Pilgrims landed."

Give heed to the retail lumber dealer's judgment. He is an authority on wood values

and his reputation depends on the woods he sells. California White Pine and Sugar Pine uphold that reputation by their quality. That is why so many dealers handle and recommend these woods.

### *Personnel of the Jury:*

The Architect, The Builder, The Carpenter, The Lumber Dealer, The Sash and Door Manufacturer, The Pattern Maker, The Frame Manufacturer, The Shipper, The Cabinet Maker, The Wood Technologist, The Painter, The Manual Training Instructor.

### *The Verdict:*

"The qualities of these pines make them superior for every part of the home."



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when you build*

Everyone who builds a home should know the ABC's of building. Our free 48-page illustrated book "Pine Homes" contains valuable home-building information set forth in simple, easily understood terms, with graphic illustrations of the various operations incident to construction; also many reproductions of attractive homes. An hour's time with this book takes the mystery out of building. If you are a prospective home-builder you will enjoy reading it.



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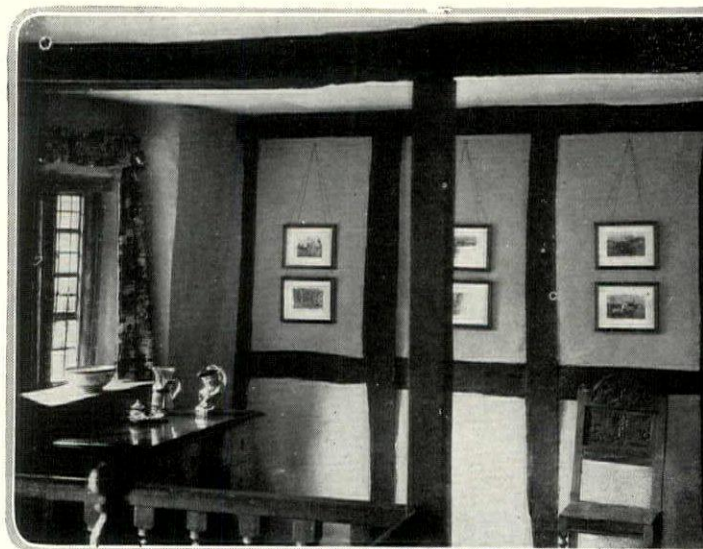
## Sargent designs for every period plan

*Choose Sargent knobs and handles of solid, time-defying brass or bronze. Here are service and security for stout doors and pleasant casements . . . infinite charm and compatibility for the big or little home whatever its architectural or decorative plan.*

FOLLOW Elizabethan, Georgian or simpler English styles—Sargent patterns will harmonize, Sargent easy-spring cylinder locks will protect as moat and portcullis seldom did. Quiet and dependability in operation—and rust-proof metals—are assured. When first you plan to build, write for the free Sargent Book and with your architect select appropriate lasting pieces for every door and window of your home. Sargent & Company, Hardware Manufacturers, 31 Water Street, New Haven, Conn.

# SARGENT

LOCKS AND HARDWARE



*A corner of Penelope Washington's chamber, with the old beams showing*

## PENELOPE WASHINGTON'S HOME

(Continued from page 103)

minister respectively to modern demands for comfort and aesthetic pleasure. And on winter days the old hearthplace with its flaming logs must make the hall of Wickhamford Manor a pleasant place to loiter in.

Another room of great interest is the Penelope Washington chamber. This lady, who was a relative of the famous George Washington, lived in the Manor and died there somewhere about 1630. This room also has its oaken beams and irregular lathes. Rare pieces of Staffordshire ware and old framed prints make a delightful ensemble.

Among other points of note in the grounds is the old dovecote also built

in 1240. This is one of the best specimens to be found in England and in excellent condition. From it it would appear to have sheltered a very considerable colony of the faithful birds.

Manor and church are closely at Wickhamford both by actual distance and family history. From Yew-hedged garden is seen the tower of this 12th Century edifice which rests Penelope Washington also Sir Edwin Sands, the owner of Wickhamford who died in 1621 was a grandson of the then bishop of York and it was he who married Penelope Washington, as her second husband.

## THE TEN MOST USEFUL HERBS

(Continued from page 134)

pounds. The fruit-bearing stem dies but others take its place.

The plant itself is handsome, with huge wand-like leaves which under stress and strain of winds split into shreds. The trunk is curious in that it is composed of the closely overlapping leaf stalks. As with all long cultivated plants the Banana is rich in varieties; some of them bear delicious little fruits no longer than a man's middle finger; others are more than a foot long and as thick as a man's wrist. Yellow is the dominant color but there is one reddish hued variety familiarly known as the Claret Banana. Under the name of plantains certain varieties of Bananas are cooked and eaten as a vegetable.

There is no more nutritious fruit than the Banana and possibly no other fruit is eaten in greater quantity the world over. At times when tired of the hustle and bustle of northern civilization I have thought of betaking myself to some tropic isle, there to grow a few Banana plants and spend the rest of my days beneath their shade supporting life on their fruit.

Among the great fruits of the world ranks the Pineapple (*Ananas sativa*), another gift of America to mankind at large. The Portuguese

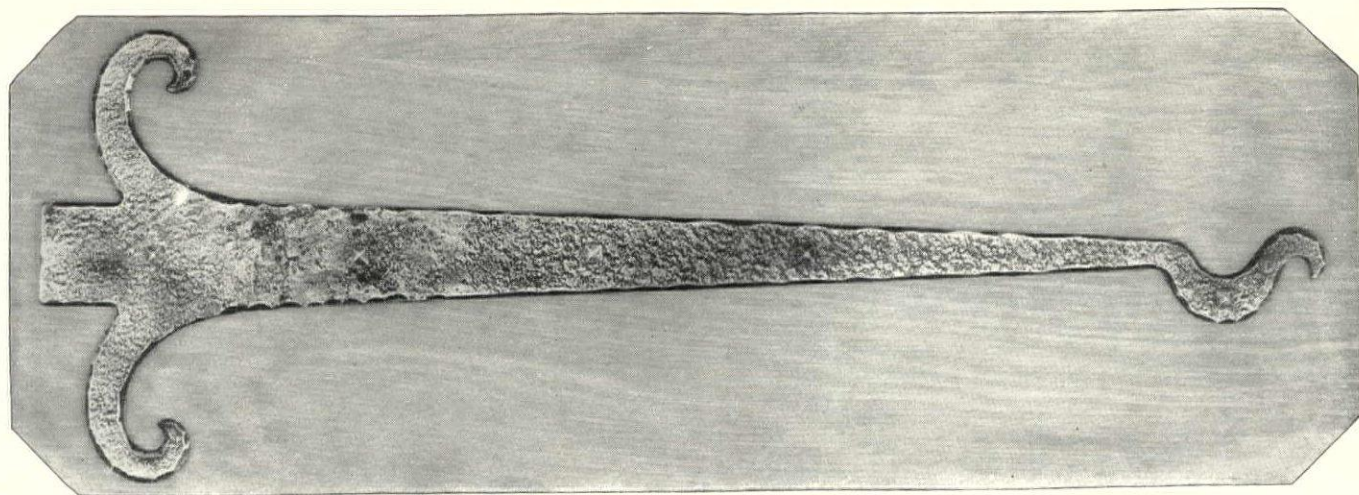
turned into *Ananas* its Brazilian name of *Nana*, and the Spaniards call it *Pinas* because the shape resembles a cone of the Pine tree. We can understand how the discoverers of this fragrant, juicy fruit, devoted it and lauded it to the heavens, how they would stock their ships with it for use on long voyages. It was carried to the tropics of the Old World very early and, proving adaptable, soon became widely cultivated. Centuries it was in Europe a luxury known to the wealthy only, but modern industry of canning has made it familiar to the humblest folk.

The Pineapple is very abundant, grown in the Orient and in Honduras is a staple industry. The plant grows from 2 to 3 feet tall and has a rosette of many gray, tufted, narrow leaves. The flowers are crowded together around the terminal stalk which is capped by a tuft of leaves. The stamens and petals of the flower become agglomerated into a cone-shaped mass. Seeds are rarely produced, the many offsets from the base affording ready means of increase.

The *Ananas* belongs to a very large family, known as Bromeliads, which grow mainly on trees as epiphytes.

(Continued on page 152)

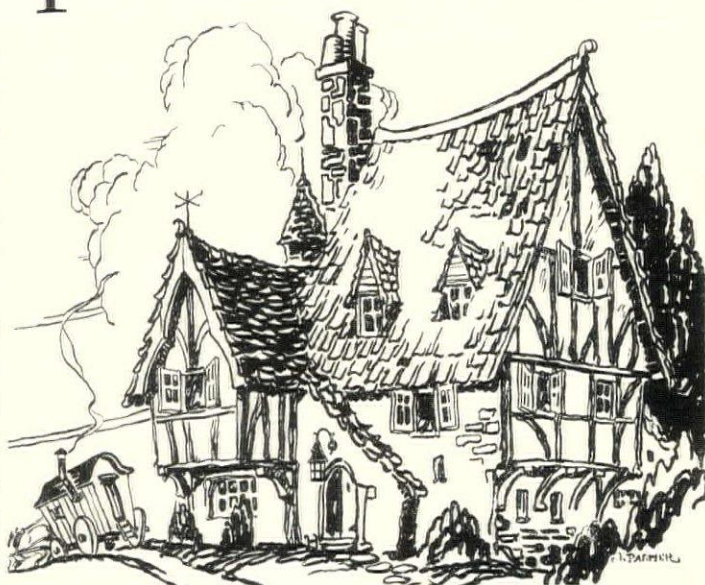




# When Atmosphere Comes in at the Door

McKINNEY has made it possible to step outside the limiting lines of ordinary hardware. The "atmosphere" of unadorned hardware is now possible, a captivating array of genuine Forged Iron pieces by McKinney may be bought at prices which have never before been approached. A house may be fitted complete, from footstool to chimney iron, with the finely forged, authentic replicas of early ironcraft, all at prices making it unnecessary to consider either made-to-order hardware at art prices, or the substantial substitutes for real forged iron made to sell at a price.

In producing McKinney Forged Iron, eminent architects have been commissioned to study the best examples of this fascinating art of iron forging, and to choose those few typical patterns and styles which seemed best to fulfill the decorative needs of the modern builder. In their findings—and without attempting to impose "modern art" ideas on the simplicity of the earlier designs, McKinney selected the four outstanding styles in which McKinney Forged Iron is now produced: the Heart, the Hip, Curley Lock, Etruscan. The first three are of English and Colonial extraction. Etruscan is basically Southern European in origin,



## McKINNEY FORGED IRON HARDWARE

and catches the spirit of Italian and Spanish architecture.

The texture of McKinney Forged Iron is characteristic of the metal itself, strong and rugged. It reflects sincerity and directness of purpose in every line and curve. Best of all, it is made to withstand the rigor of years of wear and weather. It will not rust.

There are three different rust-proof finishes: Dead Black Iron, Rusty Iron, Relieved

NOTE: See the beautiful McKinney Forged Iron Lanterns at Department and Hardware stores. Rust-proofed and finished in Duco. Romantic in shape and made to last!



The Wayfarer

Iron—also referred to as Grey Iron, Flemish Iron, Swedish or Half-Polished Iron.

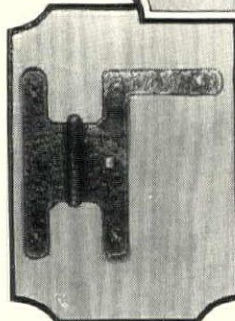
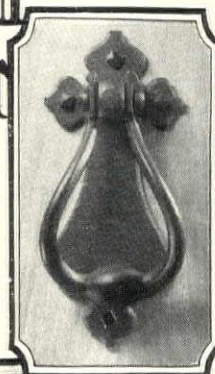
McKinney Forged Iron Hardware comprises so many pieces as to make listing here impossible. Among them are hinge straps, handle sets, knockers, H & L hinge plates, latches, drawer pulls, surface bolts, etc.

*Send for this Beautiful Free Brochure*

To make possible a thorough appreciation of the varied uses of Forged Iron, McKinney offers a beautiful new Brochure. It presents twelve studies showing authentic applications of Forged Iron Hardware to four main types of entrances, interior doors, French doors, two types of shutters, casement windows, cabinets, gates and garages. Send for this Brochure at once. Then visit your Builders' Hardware Merchant and make your selection. If he has not yet received his stock, let us know.

Door Knocker

H & L Hinge Plates



FORGE DIVISION, McKINNEY MFG. CO., Pittsburgh, Pa.

Please send me, without obligation, the items I have checked:

☐ 4 plates showing details of lanterns

☐ Brochure on Forged Iron Hardware

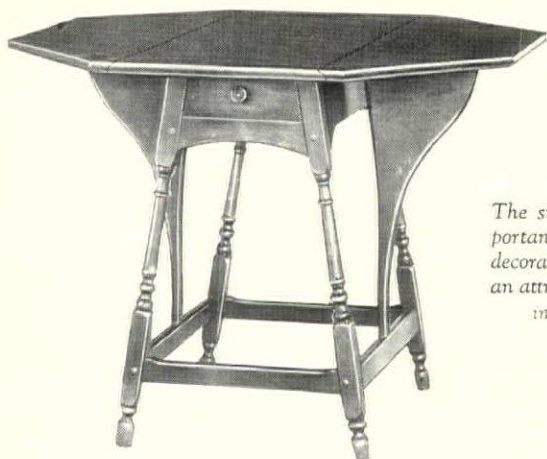
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H & G 2-27





The small table has an important place in the modern decorative scheme. Here is an attractive "butterfly" table in American Walnut

## Why Decorators Choose Walnut for the Modern Home

—a book on walnut free . . . see below

THE finest furniture-makers today are working in walnut—just as did the famous designers of old. To help you find the best in walnut furniture, we've prepared an illustrated book which shows the "periods," tells you how to distinguish real walnut from imitation, and serves as a reliable guide for the furniture purchaser.

Decorators are choosing walnut for modern homes because walnut's beauty is unique; its endless variety of figure has constant charm. Walnut is easy to care for; it grows more beautiful with age. Demand walnut in its natural color and you will always be satisfied. When you buy walnut furniture, be sure that at least all exterior parts are of walnut if you want walnut's unrivaled beauty and durability.

As a paneling wood, American Walnut offers rewards in decorative beauty quite unparalleled by any other. If you are planning to use wood-paneling, you will be delighted to know how little more it costs to get walnut's rare beauty.

The vogue for walnut extends outside the furniture field. In motor cars, for instance, the finest have steering

wheel and interior fittings of genuine walnut—an accepted sign of quality.

**Our Service:** We publish beautifully illustrated booklets on furniture and interior woodwork. Please write us which you are interested in. We will be glad to help you. Fill in and mail today the handy coupon below.



Walnut chair in beautiful Heppelwhite design. The strength of walnut permits delicate lines



Living room beautifully paneled in American Walnut

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AMERICAN WALNUT MANUFACTURERS' ASSOCIATION

Room 976, 616 S. Michigan Avenue, Chicago

**AMERICAN WALNUT**

Please send me full information on American Walnut. I am interested in walnut furniture ☐ walnut for interior woodwork and paneling ☐ (Check which)



Harting

This unusual desk with drawers in unexpected places is painted a pale silvery green. The drawer fronts and the drop handles are silver. Courtesy of the Frankl Galleries

## OF THE FOURTH DIMENSION

(Continued from page 77)

We don't have to borrow from other countries in order to create.

I predict, and I have ventured to make true my prophecy with concrete examples of furniture, that American contemporary art in the home, will, like the skyscraper, be the expression of the American spirit. It will not be bizarre like the Viennese, nor sophisticated like the French, nor will it have the dachshund characteristics of the German. It will be marked as a thing apart by its smart lines, its utter simplicity, its feeling of power, its beauty of color and design combined with comfort and practicability. It will not startle the most conservative, and it will, in time, introduce into the modern American home a type of furniture as characteristic of our present mode of living as is the motor car, the telephone or the radio.

In my own creations for the modern American home, I have kept within the architectural spirit of our time. The straight line is the most important feature. They call my chests of drawers, my dressing tables, my bookcases—"Skyscraper"—to which I blushing bow. Why not skyscraper furniture? After all, space is as much at a premium within the home as it is outside of it. Why have a bookcase take up half your floor in squat, rigid formality when your bookcase can rise toward the ceiling in vertical, pyramidal beauty with an inviting informality that should go with books people actually read.

I have carried my reform even to picture frames. What place has the

heavy, antiquated gilt frame in a modern American home? Our walls complain wearily of the mass they must support, but the atrocity still persists although long ago dispensed with heavy mental gold rings, watches and items of personal adornment.

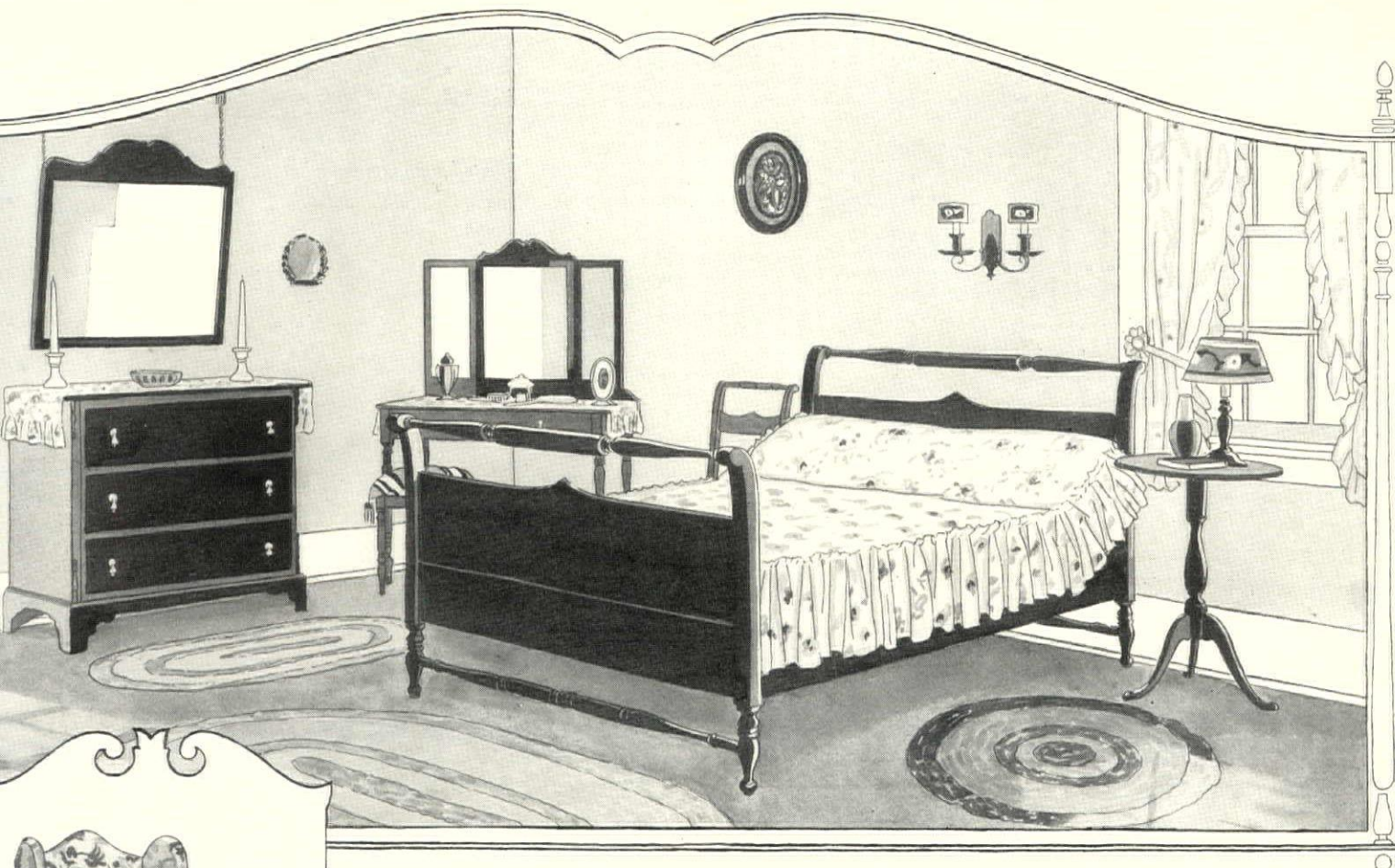
Instead of the heavy gilded I have created a severe, straight frame in a soft silver leaf finish. The frame should complement a picture, not obliterate it.

The modern movement is advancing slowly but surely. It is advancing on its own through new and old draperies, through odd ornaments, it has still to reach its ultimate realization through the basic medium of furniture. When that comes the American home not only will be good looking and practical but will be in accordance with the demand of the fourth dimension.

NOTE: Since one of the functions of this magazine is to report new tendencies, HOUSE & GARDEN is to give Mr. Frankl this opportunity to explain his modernist American furniture. We reported the modern furniture shown at the Exposition Arts Decoratifs in Paris in 1925. Wright, the editor, in the October 1925 issue and Frank Alvah Porter in the February 1926 issue. In instances the report was unfavorable. Mr. Frankl's designs, however, are a different matter and are called for a set of circumstances American.







No. 5067  
Wing Rocker



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Singleterry home, The Alameda,  
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Painted when new, ten years ago

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The aging of these houses mellows the stonework and gives a beautiful texture to walls, creating close harmony between landscape and architecture

## HOUSES IN THE COTSWOLD

(Continued from page 106)

sary material; that the natural inclination was to be complex and obscure, while real art must be simple and intelligible. Such statements may seem trite and commonplace, but they are, nevertheless, good, sound, artistic philosophy. The "elimination of the superfluous," while a bit sonorous, is a fine phrase. It describes exactly what the Cotswold builders accomplished. If there were any superfluities in their work they are yet to be discovered.

In the Cotswold houses we find a simple relation between the areas they enclosed and the occupant. The stories were low, usually from eight to ten feet, floor to floor, and their average width runs from eighteen to twenty feet. As the walls were approximately two feet in thickness, the rooms, therefore, were from fourteen to sixteen feet wide. Thus these rooms could easily be heated by the huge fireplaces

of the time. The old Colonial ers in our own country, whose we know better, also found t mensons about right. The C housekeepers did not mind through one room to reach a consequently their houses were made wider by the addition o ways. Nor was there always tage taken, as there might hav of outside walls to have wind both sides of rooms. So there a blank walls—always effective tecturally.

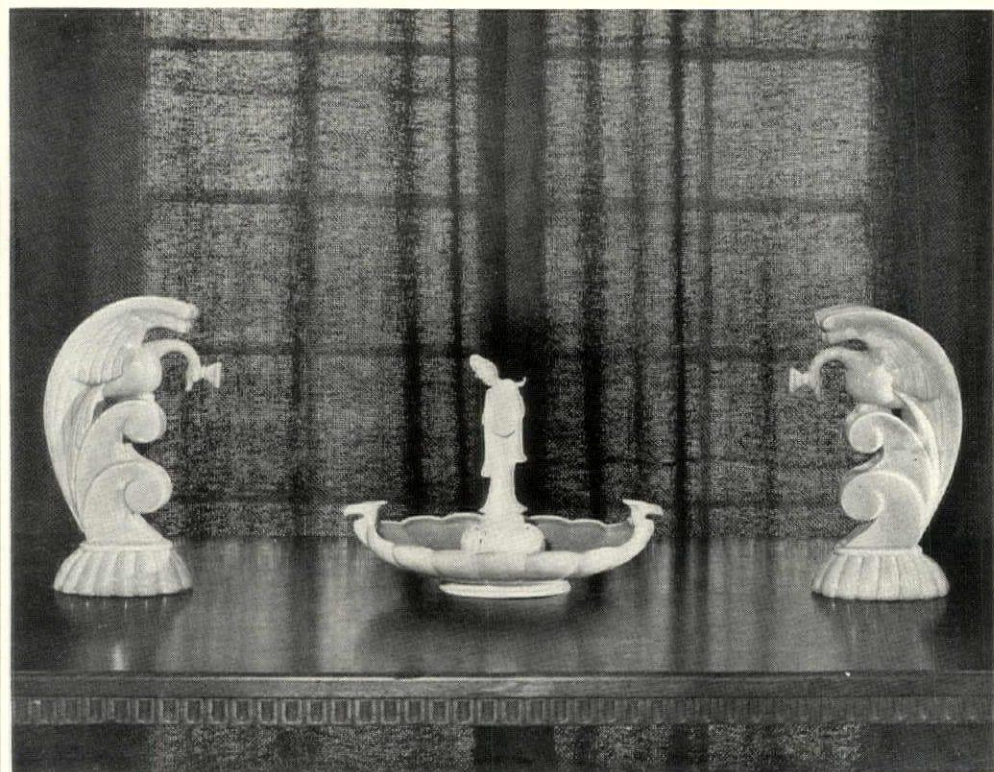
Windows were small, av sixteen, seldom eighteen, in width, and from thirty to th inches in height. The stone m which divided them were fro to six inches wide. The window cut where light was needed an positions were not considered tant. Stone walls are labori

(Continued on page 160)



Excessive use of ornament is absent from Cotswold houses. Windows and door frames are marked by simple stone labels. Chimneys have narrow moldings





## Strikingly Decorative

As an example of sweeping line, intriguing and satisfying design, these two bird-and-wave motifs at each end of the group transcend previous conventional ideas in decorative pieces.

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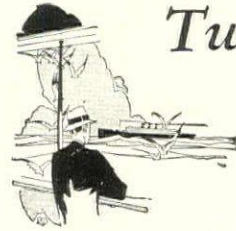
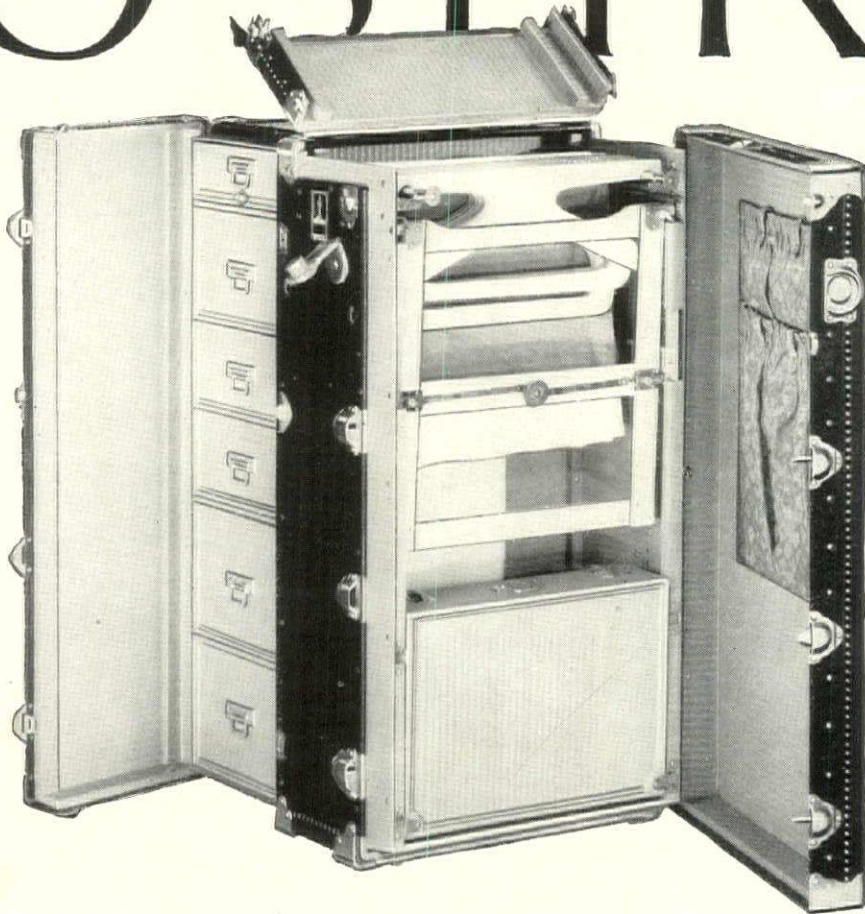
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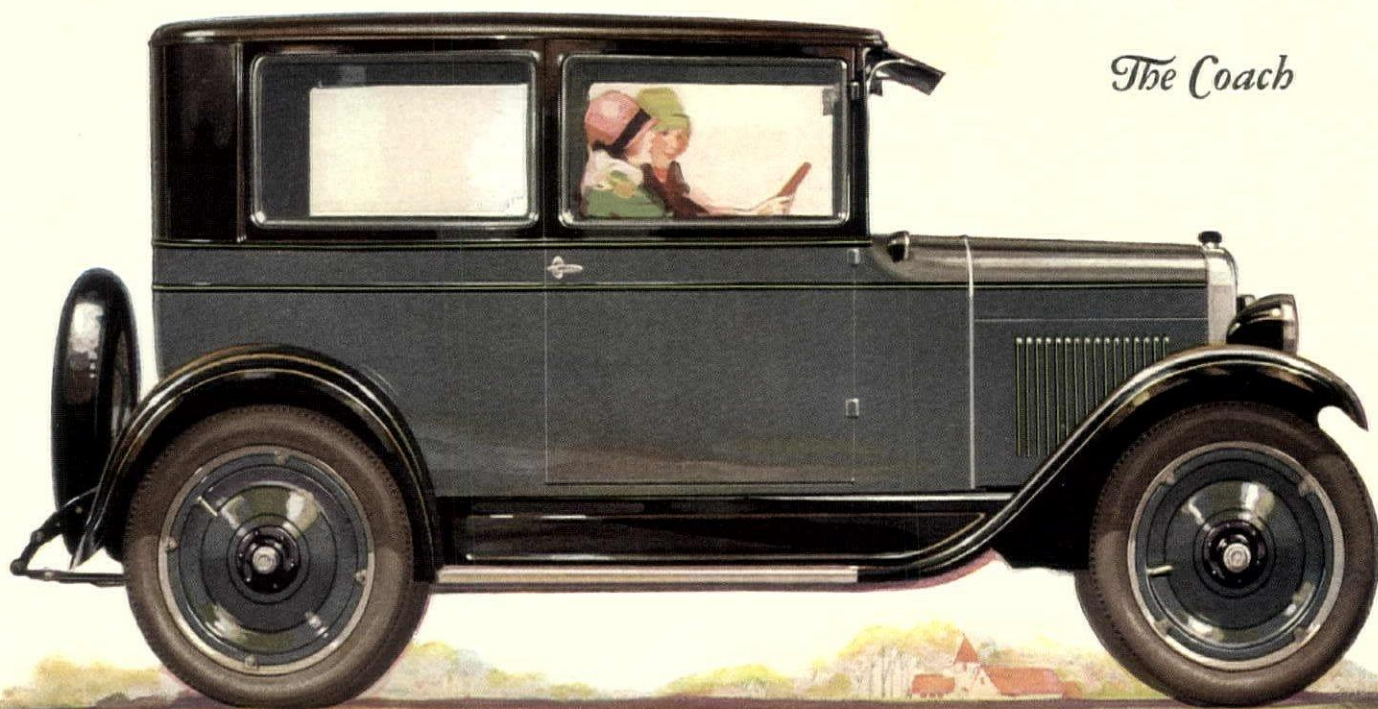
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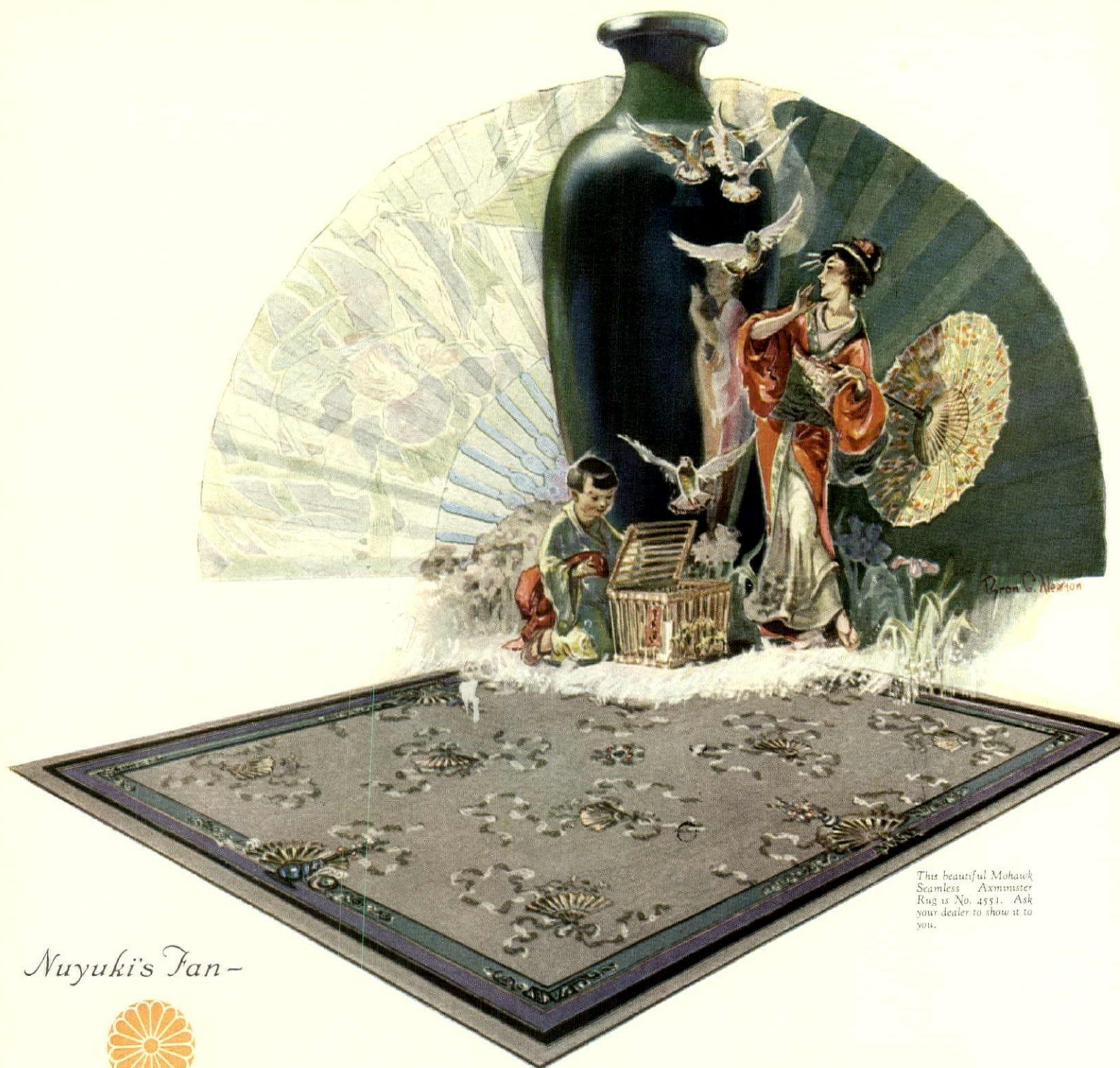
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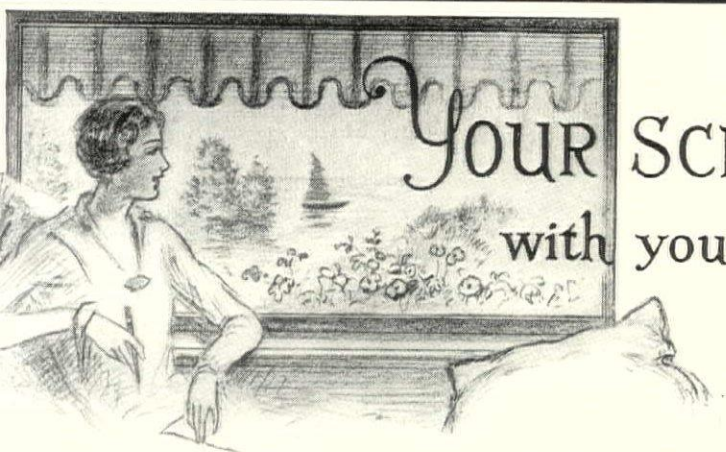


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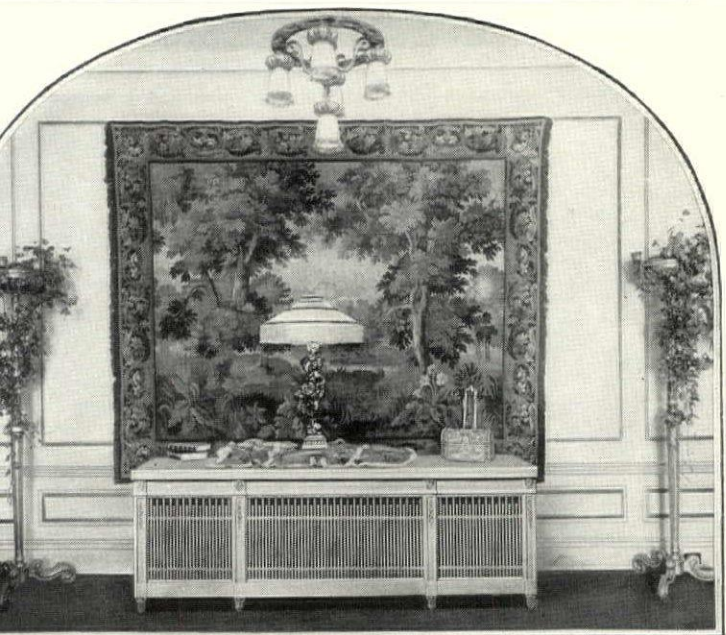
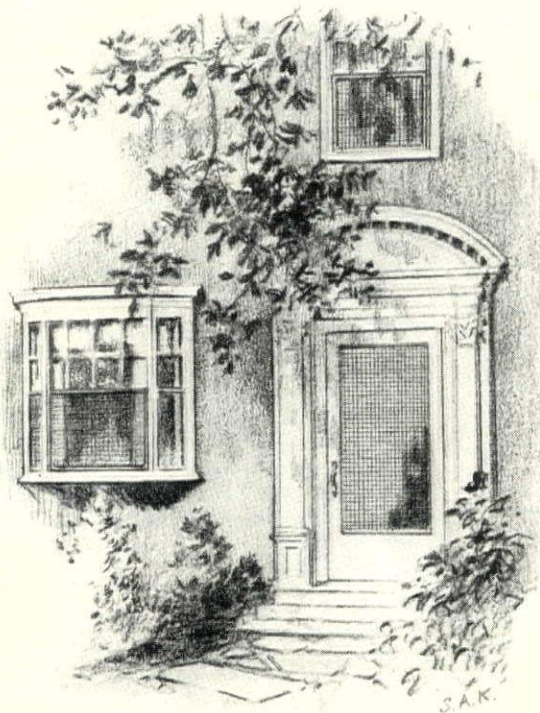
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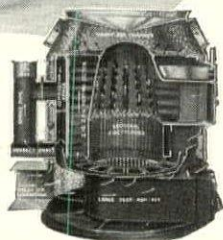
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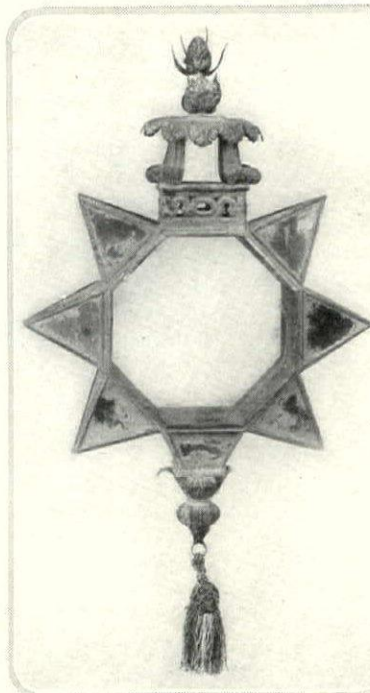
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Star-shaped finals were popular in the 18th Century. Some have twelve points, with elaborate metal work



An urn-shape final in the Renaissance style which was common to Spain during the 17th Century

## SPANISH LANTERNS

(Continued from page 91)

its small decorative linen tassels.

As early as the 14th Century some good lanterns were made, as we know from rare examples: one of brass, rectangular, a little higher than square, ornamented in *repoussé* and with large arched window-like openings on the sides. These openings have the triple arched top of the Moors and the lantern may be classified as Moorish.

*El estilo Gotico*, the Gothic style, is evident in the structure and decoration of both iron and tin lanterns, and is especially prominent in the designs of their open scrolled tops. One form is dome-shaped like the domes of strap-iron in the *araña Catalana*, a 14th Century elaborate hanging fixture, more like a chandelier than a Gothic corona or hanging ring of lights. This dome-shaped top of strap metal work persisted in the lanterns and was sometimes unduly emphasized and top heavy. Even an urn-shaped model of the later Renaissance might be topped by a strapping of greatly elongated leaf forms. The decorative motif of the Lily was the characteristic ornament of Spanish lighting fixtures for church or home from the 11th to the 13th Century, during the Romanesque period. In the Gothic period the corona, or crown, was the most prominent motif and the Lily was retained. These are frequent ornaments even in the later periods.

In the 15th and 16th Centuries *Mudejar* influence was paramount in Spanish handicrafts. This happy combination of Gothic and Moorish styles is the crowning glory of Spanish decorative art. During this *Mudejar* period, when iron was so skillfully wrought, we are not surprised to find it in lanterns. The metal work of their frames followed the general character of work of the period in form and ornament. Beaten sheets of

iron were put together to make the required model. We must not forget that lantern making as an art was developed in the iron lantern, which had a prolific use of tin in the 18th and 19th Centuries practically eliminating. This art of the *farol* (lantern), commencing in the latter years of the 16th Century, reached its perfection in the *farolismo* of the 17th Century when it was at the height of its vogue. The iron was then beaten into thinner sheets capable of more delicate handling in Renaissance application and even in the pie decoration of the Moors. The Spaniards themselves consider that the declined with 18th Century work in tin. This estimate, however, is from the point of view of an iron-loving race. Tin has its own qualities and advocates, and while it cannot replace iron, iron itself is not a substitute for tin.

*Mudejar* influence is found in the metal work and the geometric treatment of the glass panes. The glass work through over-elaboration often became so intricate as to lose beauty. Geometrical patterns were superimposed, setting out in raised designs which give the effect of a deep bevel. The inequality of Spanish glass itself adds to the effectiveness of the lantern. The most attractive Moorish effects are in metal work, whether pierced or solid, the pierced metal being the most characteristic. Even in the solid work there is that nicety of the Moorish form, the soft rounding of dome corner, a suavity truly Oriental always beautiful.

In outline the *Mudejar* lantern is often immensely superior to other types, its form being its finest quality. It was inspired by the elongated lantern of the mosque lamp, and the

(Continued on page 148)





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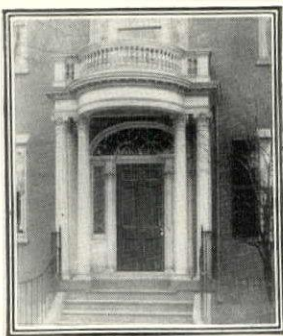
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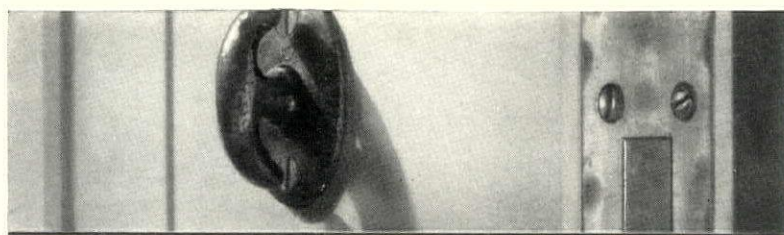
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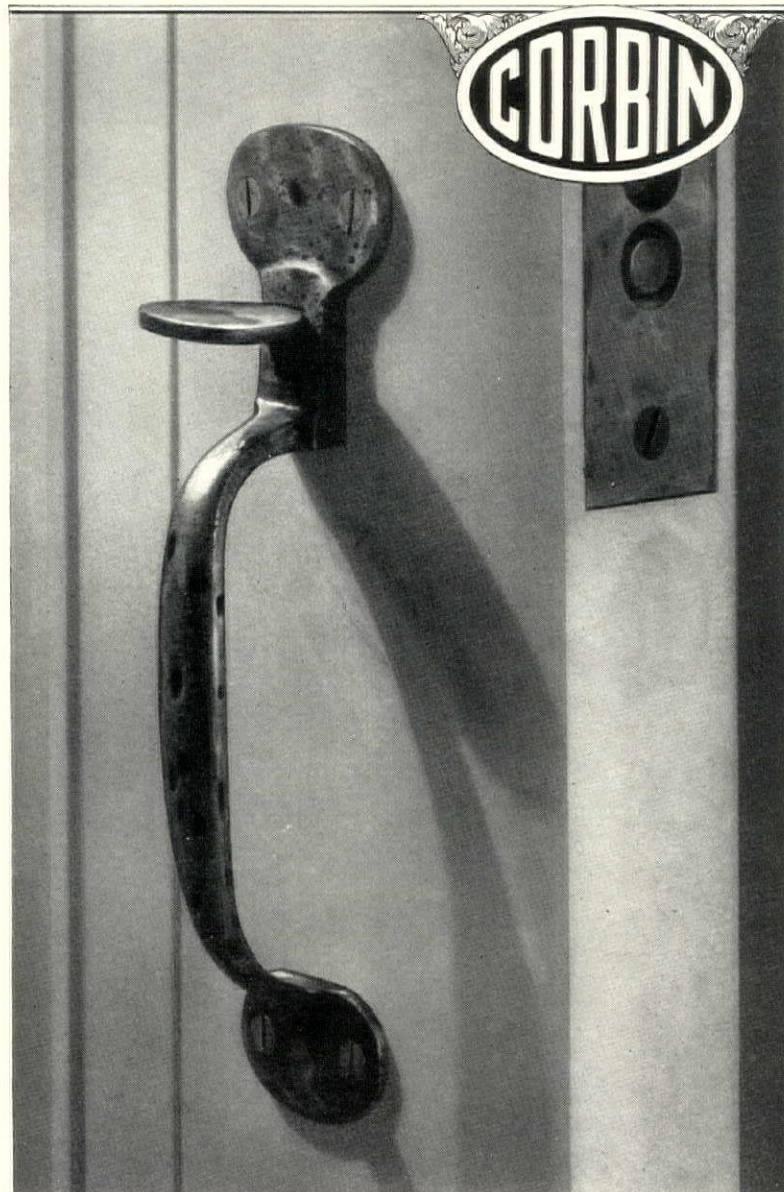
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## SPANISH LANTERNS

(Continued from page 146)



## These Screens were as Carefully Planned as the Furnishings

WHAT gives this porch its cozy and artistic appearance? The careful selection and arrangement of the furnishings, you will say. But there is also another element. Notice the screening. It has been selected with as much discrimination as the furniture. Improper screening would have marred the effect. Correct screening enhances it.

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beautiful examples are found in this style. They are occasionally so elongated as to require a small lantern to cap the top, the bottom being equally prolonged by receding angles, curves and finial. *Mudejar* work, even in the later styles of the Renaissance and Baroque, shows a feeling for proportion that is especially fine and is its notable characteristic.

In 16th Century work we see the influence of the *Renacimiento* at last penetrating the *Gótico* and *Mudejar* models and recognize the differences between these types coming from central and northern Spain and the almost pure Moorish lantern of this period from Andalusia in the south. A large iron cathedral lantern, 52 inches high, from Toledo in central Spain, late 16th Century, shows the Gothic style giving way to the Renaissance. It is rectangular, its entire framework pierced, and its ornament is both Gothic and Renaissance.

### 16TH CENTURY DETAILS

Other 16th Century examples are also rectangular but with combined *Mudejar* and Gothic, or *Mudejar* and Renaissance influences in crowned domed tops and scrolled bottoms. In some examples we see corner outriders in the form of ornamental metal columns embellished with simple conventional flowers and leaves. Hexagonal shapes came into favor.

The 17th Century was prolific in lanterns with glass turrets at each of the four, six, or eight corners. The turrets are extremely varied in shape, proportion, and finish of top and bottom. These *faroles atorneados* are as characteristic of Spain as her ancient turreted castles. Other styles have varied outlines—urn-shape, oblong, oblong with accentuated dome at top and reversed at bottom, oval, and circular elongated by domed top and shaped finial bottom. Tops are somewhat wide and slope sharply to a small, well-formed, inconspicuous crown. In some the crown becomes almost negligible, in others the crown and dome overtop too small a lantern. Some tops are of pierced metal, others of openwork strap metal scrolling.

Renaissance lanterns often merely echo Italian and French forms, but with that simplified quality characteristically Spanish. Even if many sided and globular, made of many small panes of glass, they are topped by pierced metal work typically Spanish, and as often have a solid nicely molded metal bottom reminiscent of the Moors.

Occasionally a 17th Century urn-shaped lantern will be quite sophisticated and very beautiful, suggestive of Italian bronze work, even if of iron or tin, and will more likely be six than four sided, and as a matter of course capped with a metal crown or occasionally an open blossom-like motif.

Quite primitive *Acanthus* leaves ornament the corner framework of various types, top them as finials, and finish them below in place of pendants, and often form the bottom of the lantern curving inward like a bud

about to flower. These leaves decorate the open strap-work dome and are variously applied for ornamental effect.

Sometimes a long rectangular lantern will be all of pierced metal arabesques suggestive of both Moorish and Italian, and such lanterns are handsome. Moorish ornamentation appears in the minute design of pierced banding where the motif of the ornament is Renaissance.

In the 18th Century the *estilo riguroso* or Baroque, which entered Spain, was responsible for some very awful things from the point of view of artistic design, but some delightful Spanish types too. Perhaps the best known and most popular of all her lanterns. Leaf-like floral ornaments became more realistic, scrolls more prolific and bombastic, and domes and lanterns were capped and crowned with style and even a bravado quite undid. But there were more delicate examples, and while a magnificent bouquet of Lilies might top a lantern instead of a crown, and exaggerated leafage sprawl over the frame, another, tiny potted plants like those in a *patio* might top the lantern of still another quite modestly. The bottom was often flat with small dent Lilies, cones, scrolls or ball corners. The turret might be replaced with a tiny ball surmounting a pendant, or on top of which a Lily or a cluster might grow. Moorish like domes or half-domes gave opportunity for beautiful pierced ornament.

The turret motif survived in lanterns in a merely decorative manner barely recognizable but persistent. In later examples spikes might grow from these reduced turrets, as hanging roofs with spiked eaves might cap the top of the lantern itself. Colored glass, too, came into certain use, and conventional lanterns like the star-shaped lantern had great popularity as it did in Italy.

### VARIATIONS OF STYLE

We wish we could show half a dozen of these delightful lanterns; constantly do they vary in one or another. Gilded in the old days, both for beauty and to prevent oxidation, they were also painted later days; and when we recall the Spanish vogue for gay colored furniture in the 17th Century, we can also appreciate the decorative effect of painted lanterns in the interior. The *finial* is not usually the center of a room but near a wall or at the end of a hall, the name *finial* indicates. The *farol* lantern used anywhere.

The great variety of decorative effects, from dignified iron to painted tin, is the special value of the Spanish lantern; as practical in a northern dooryard as in a southern *patio*. In Spain, and to many a sober group is still the dream-land of "candle in the air." Even a Spanish lantern swinging in our vestibule may again the dreams of childhood as we were perfectly sure that "over the hill lies Spain."



# The WHITE HOUSE Line

TRADE MARK

View of Kitchen

View of Pantry

for the pretentious residence  
or the small house—

YOUR present kitchen and pantry may be completely modernized by replacing wood with steel. In planning a new house, WHITE HOUSE Units are the only logical solution of the sanitation problem, as they provide the efficiency and durability which the modern home demands.

Because the WHITE HOUSE Line is manufactured in a unit system it is possible to fill any space—simply by combining units.

Regulation kitchen dressers, broom closets, sink units, storage units, etc., are carried in stock for immediate shipment. Units to fill given space for larger kitchens and pantries are furnished according to blueprints submitted.

WHITE HOUSE Units are furnished complete, ready for installation—no hardware, glazing or painting necessary. Catalog and photographs upon request.



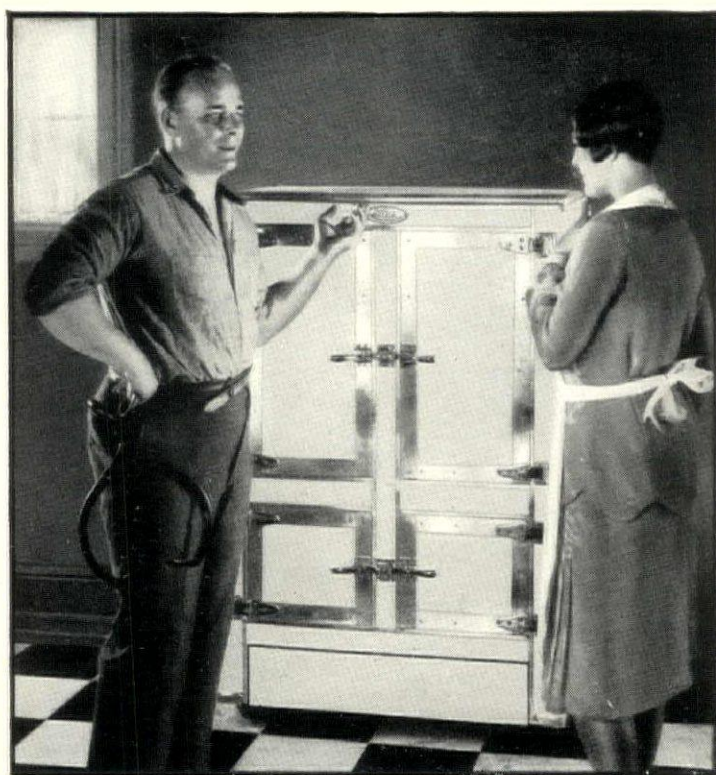
*Complete layout for a small house, including dresser, broom closet, refrigerator and china cupboard—all in a space of 7 feet, 1 1/4 inches.*

JANES & KIRTLAND, INC.

Established 1840

133 West 44th Street

New York City



“Lady, that Gibson is the finest refrigerator on my route”

THE humble citizen who serves you with ice will not venture to criticize your refrigerator. But he's an authority on ice consumption and food saving. Whenever he sees a Gibson he knows one more customer has gone in for beauty and economy.

Your food is always safe in an all-porcelain Gibson. The corkboard insulation has no equal in keeping cold air inside. It is the kind meat-packers use. And our new, exclusive, one-piece aluminum door frames are far superior to wooden ones because they never warp or swell. No chance for the door to sag and cause cracks through which cold air can escape.

Manufacturers of electrical refrigeration approve this all-porcelain Gibson as ideal for their equipment. An ice-making unit can be installed any time and will give the utmost in service, as all corkboard-insulated Gibsons come equipped with necessary fixtures.

You will like this Gibson the moment you see it. The one-piece porcelain lining with rounded corners and floor flush with the door sill is quick and easy to clean. The one-piece cast aluminum trap will not clog or rust. The automatic locks close the doors air-tight. The one-piece copper-steel ice chamber is leak-proof. Dishes can be moved across the new style Gibson flat metal shelves without tipping. Beautiful hardware throughout.

Dealers everywhere sell the complete line of Gibsons. Mail coupon for our new booklet, “What goes into your refrigerator?” Gibson Refrigerator Co., Greenville, Mich.

GIBSON REFRIGERATOR CO. H.G.-1  
Greenville, Mich.

Please send me your booklet, “What goes into your refrigerator?” Also information about the all-porcelain, corkboard-insulated Gibson.

Name.....

Address.....

# Gibson

REFRIGERATOR





Creo-Dipt roof and side-walls on home of Mr. George L. Mentley, Buffalo, N. Y., Arch. Fred C. Backus

## Extra warmth free

....when you build with Creo-Dipts

**Y**OU pay no more for the added warmth of Creo-Dipt Stained Shingles. Yet on old homes, owners say that Creo-Dipts laid right over siding, reduce their fuel bills from 15% to 25%.

On new homes, Creo-Dipt side-walls mean 2½ thicknesses at all points; a Creo-Dipt roof means three layers of wood-insulation to stop heat-leaks.

Leading lumber dealers everywhere carry Creo-Dipts in stock. They know the name *Creo-Dipt* is given only to selected cedar shingles, specially stained and preserved to reduce upkeep. Ask for them by name.

SEND 25c for portfolio of photographs of Creo-Dipt homes, and color chart showing wide choice of genuine Creo-Dipt colors. Address Creo-Dipt Company, Inc., 1219 Oliver St., North Tonawanda, N. Y.

Sales offices in principal cities.

# CREO-DIPT

*Stained Shingles*

On old homes, Creo-Dipts laid right over siding, save twice their cost. Re-roof with them, too.



## ROOMS FOR BOYS AND GIRLS

(Continued from page 71)

wood floors covered with washable rugs are excellent; a painted floor brings an interesting color note to a room but it should be kept well varnished; the older girl or boy's room may have carpet, with a few bright rugs as accents. More attractive than the old-fashioned rag rugs are the equally practical cotton chenille rugs which are both washable and sunfast. These come in flower designs, lattice effects and plain colors. Felt rugs with applied designs in contrasting felts are both soft and colorful. The child's bathroom might have one of the new rubber mats of the consistency of a rubber sponge and patterned in amusing flower and fish figures.

### FOR PLAYROOM OR NURSERY

In addition to the necessary tables and chairs, the playroom or nursery should contain a commodious toy cupboard where the child should be allowed to arrange his belongings as he pleases. This can be built-in to some unused corner thereby saving space. A wide window seat, comfortably cushioned, is also an excellent feature. If possible, let there be a window box, or, at least, a row of potted plants on the sill for the child to care for, in lieu of a garden.

Copies of early American furniture designs in miniature size are charming in children's rooms, especially when combined with English prints in prim, old-fashioned flower designs. Sturdy tables and chairs of pine in soft antique finish are available, as well as toy cupboards, wardrobes and a well-designed small secretary. If more colorful effects are desired, there are unpainted copies of excellent Colonial styles that can be finished in any wanted color scheme. In the realm of overstuffed pieces, there are child-size arm chairs and wing chairs which may be used in connection with a grown up slipper chair. The last is a small, very low overstuffed chair, without arms. Covered in flowered glazed chintz, it makes a delightful fireside piece for a little girl's room. For the older girl I would suggest a French provincial arm chair covered in quilted calico. Furniture of this style is an excellent choice for a child's room on account of its generally small size, graceful lines and engaging air of naïveté. Used with a toile wall paper in red and white, and white organdie curtains made with wide fluted ruffles, the effect is both youthful and distinguished.

That a child's room may be charming and distinctive without losing any of its practical appeal is evidenced in the sketches illustrating this article. In the several schemes outlined, color is an important factor. In four instances a figured background is featured. If plain walls are used, color compensates for lack of design.

On page 69 is a suggestion for a boy's room, a boy who has reached the dignity of teens. The main note here is the wall paper—an amusing design of whaling scenes. Sailing on a green sea dotted with wavy strands of sea weed is a clipper ship in full

rig. Some distance off a man is seen harpooning a whale from the deck of a small dory. The background is a rich buff tone with orange guilleming over a sea streaked in lead. Strong colors appear in the faces of the men—vivid blue, green and silver. With this paper the work is painted the same buff background, striped in red. The floor is black and white linoleum. One set of curtains are soft, duvetyn red silk. The other pieces in the room are walnut, an upholstered chair a slip cover in red ground and the bedspread is buff sateen on plain, tailored lines. In the corner is a sturdy built-in desk and seat; the wall is painted a lighter shade of the papered background.

In the room for a younger child shown on page 71, the main feature is a set of brilliantly colored French posters in a design of ships. In these, the sky is a vivid blue, the sails henna and sepia, and the sea a bright apple green with delicate swirls. These posters are paneled on the walls, the surrounding space being painted the apple green. On the floor is a plain green linoleum. The curtains are a shimmering green decorated with appliqué circles of vari-colored silk to suggest light. Copper color is introduced in the room in the covering of the desk and in the chintz used for slipper chair.

On page 70 is a room designed for a little girl around the theme of the Cinderella legend. A modern interpretation of this delightful story is done in a series of colored posters which makes a gay decoration for the room. As strong color is a pre-requisite of all these posters, the space surrounding the panels is left white, with the panel molding base board and the inside of the doors cases painted apple green. The posters are blue, a French blue, and the curtains are of coarse linen the same color. A ruffled white Swiss undergarment. The small slipper chair by the door is done in cherry red glazed chintz. The furniture in this room is maple.

### FOR A YOUNG CHILD

A room for a younger child is shown with a frieze mid-way up the wall of posters in picturesque farm scenes. The colors of this immaculate room are ideally run farm are vivid blues and greens for the most part, with accents as very yellow pigs, the tones of fluffy sheep and the red of the roofs. These posters are hung into the walls with green molding. The dado is painted in a delicate large blue and white checked pattern. The wall above the poster is painted to suggest the sky—pale aqua blue on which are painted orange flying birds. A mottled gray and blue carpet covers the floor, the frieze is painted the cream yellow of the panels, and the curtains are blue glazed chintz bound in red and hung over soft yellow velvet curtains made with wide ruffles.





# Abundant Heat in a hurry



from a  
Warm Air  
Heating  
System

ON YOUR return after an absence, or when the temperature takes a sudden drop, then will you appreciate the marvelous responsiveness of Warm Air Heat.

Quickly, the furnace fire is laid and lighted (no waiting for hesitating, half-hearted apparatus to take hold). With a directness and celerity which is surprising, the furnace responds and before seven minutes have passed, heat-flow commences. Soon, every room is filled with an abundance of grateful, cheering warmth. Each register pours forth in

a volume of moist, circulating, clean, healthful heat. Hazards of dampness and chill are magically dissipated and the house again becomes a cozy, comfortable habitation.

—Warm Air is so easily regulated, so simple and certain control. The warmth you desire is yours to an exact degree, even when severest weather rages outside.

—Warm Air Heat must be installed "According to the Standard Code," if you are to enjoy its distinct and unique advantages. Only such installation of furnace and fittings with it the triple endorsement of the Association, the Manufacturer and the Dealer that the installation provide an inside temperature of seventy degrees in every room with sub-zero weather outside. For Home Comfort, Business and Health—install "According to the Code."



Warm Air Heating has been placed upon a scientific basis by research work carried on in this house at Urbana, Ill., under the auspices of the National Warm Air Heating and Ventilating Association in co-operation with the University of Illinois for eight years, both in this house and in the University laboratories. This exhaustive research demonstrated the scientific accuracy of the "Standard Code" now in general use.

**NATIONAL WARM AIR HEATING  
VENTILATING ASSOCIATION**  
22 E. LONG STREET COLUMBUS, OHIO

your name  
I'll send you  
charge an in-  
booklet of  
facts about  
heating.



The National Warm Air Heating & Ventilating Ass'n.,  
22 E. Long Street, Columbus, Ohio

Kindly mail a copy of your booklet on home heating.

Name..... St..... R. F. D.....

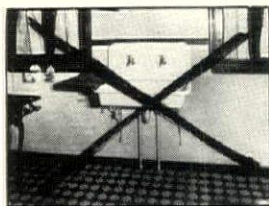
City..... State.....



Model 8 Built-in WALKER Super-Sink

## Don't Work For 3 Cents an Hour!

If you are washing dishes at an old-style sink—if you are doing fatiguing drudgery that a little electric motor will perform better than hands—if you are doing the most disagreeable job in housework—you are working for 3¢ an hour.



Discard Your Old Sink Today



Model 12—61½ in. WALKER Super Sink



Model 11—WALKER Dishwasher without sink



Cut-away view showing simple method of loading the trays

Thousands of homes and apartments have already been made brighter and happier by the Walker Super-Sink with dishwasher combined. It has dispensed with labor and drudgery that no woman's hands were ever meant to perform. You like your clotheswasher, your vacuum cleaner, your other household appliances. They are all wonderful but the Walker eclipses them all in day-in and day-out service.

For your new or old home the cost is negligible. There is a folder ready for you that tells the story. Send for it and ask any wideawake plumber to give you additional information.

Use the coupon and if you will send sketch of your kitchen with dimensions and location of present equipment, our Kitchen Planning Service will recommend not only the proper Walker Model, but an arrangement of your kitchen on an efficiency basis. WALKER DISHWASHER CORP., Dept. 700, 225 Walton Street, Syracuse, N. Y.

**WALKER**  
DISHWASHER  
SUPER-SINK

Walker Dishwasher Corp.,  
Dept. 700, 225 Walton St., Syracuse, N. Y.

Please send Free full information and description of Walker Dishwasher-Sinks and Individual Machine for old or new homes.

Name.....

Address.....



TRADE **YALE** MARK



When you're thinking about just the door you want, in just the type of room you want, in just the home you want, give a thought to hardware — by Yale.

For sheer beauty of design, for the utmost finality in style, for real intrinsic permanence in workmanship, material and finish, for ease of operation and mechanical simplicity, specify hardware and locks — by Yale.

The Yale & Towne  
Mfg. Co.  
Stamford, Conn.,  
U. S. A.  
Canadian Branch  
at St. Catharines,  
Ontario

**YALE MARKED  
IS YALE MADE**

## THE TEN MOST USEFUL HERBS

(Continued from page 138)

Spanish Moss, so great a feature of Florida and elsewhere, is a familiar illustration. The family is curious and ornamental and not a few members yield useful fibres, but the only one bearing fruit serviceable to man is the Pineapple.

### THE PULSE FAMILY

The indispensable family of Pulses represented by our garden Peas and Beans of many sorts, has provided man with nitrogenous food down the ages. They rank among the oldest of crops and in their different varieties they are universally cultivated. Although less known to us westerners than other Pulses, the Soy-bean (*Glycine hispida*) is really the most important member of the family and for the purpose of this article, may serve for the entire group. The Soy-bean is a stocky, branching herb seldom more than 2 feet tall, with coarse leaves and hairy pods filled, according to variety, with white, yellow, black and green Beans. It is native of the Orient, somewhere between Japan and Cochin China, and has been cultivated by the Chinese for thousands of years.

The Bean is especially nourishing, contains a large portion of oil, and products similar to milk, butter and cheese are prepared from it by the Chinese and Japanese. The different varieties yield a succession of Beans, the black bearing fully a month later than others. The Soy-bean is cooked and eaten as a vegetable or ground into flour and made into vermicelli; preserved in salt it makes an excellent pickle. Also it is extensively used in the manufacture of sauces and vinegars. The variety with yellow seeds is largely employed in making Bean curd. In Manchuria the Soy-bean is grown largely for the oil obtained from the seeds by pressure and for the residual cakes that remain after the oil has been expressed. The oil from the Soy-bean is exported to western countries and employed in culinary purposes and in soap making. The residual cakes are in great demand as an agricultural fertilizer in all parts of China.

The Tobacco plant (*Nicotiana tabacum*) is an annual herb native of Central America and a relative of the Common Potato. It is a handsome plant with large, rich, green, ovate pointed leaves and a terminal head of pink blossoms which are followed by round capsules filled with a multitude of small seeds. At the time of the discovery of America the custom of smoking, of snuff-taking or of chewing the dried leaves of the Tobacco-plant was diffused over the greater part of the continent. Pipes used for smoking in great number and of wonderful workmanship have been discovered in the tombs of the Aztecs in Mexico, and in the mounds of the United States. The pipe of peace from a custom of the North American Indians has passed into proverb. Where or by whom Tobacco was first

used we know not, but pos-  
valleys of Mexico know the

Tobacco was introduced into  
by a physician, Francesco He-  
who brought the plant from  
to Philip II of Spain. Soon-  
ward it was carried to Italy.  
Walter Raleigh introduced  
England. The family name co-  
rates Jean Nicot, agent for  
of France in Portugal, who  
duced Tobacco into France.  
avowed reason for its intro-  
into Europe was its sanitary  
Queens and cardinals, court  
clowns accepted the verdict  
cians and regarded Tobacco  
vine remedy for most of the  
flesh is heir to, and so it became  
as the *Herba panacea* or *Herba*

Obviously a plant possessed  
virtues quickly spread over  
World, its free-seeding power  
facilitating its distribution.  
ing, quieting, peaceful influ-  
my Lady Nicotine exercise o-  
kind at large. Every year  
herents increase but she  
opponents. Like King James  
land the Puritans of this coun-  
hard to banish the good lady  
the pale of human pleasures  
are today old laws unchanged  
repealed on the statute books o-  
chusetts that make everyone  
Commonwealth who smokes  
breaker.

### A PLANT OF PEACE

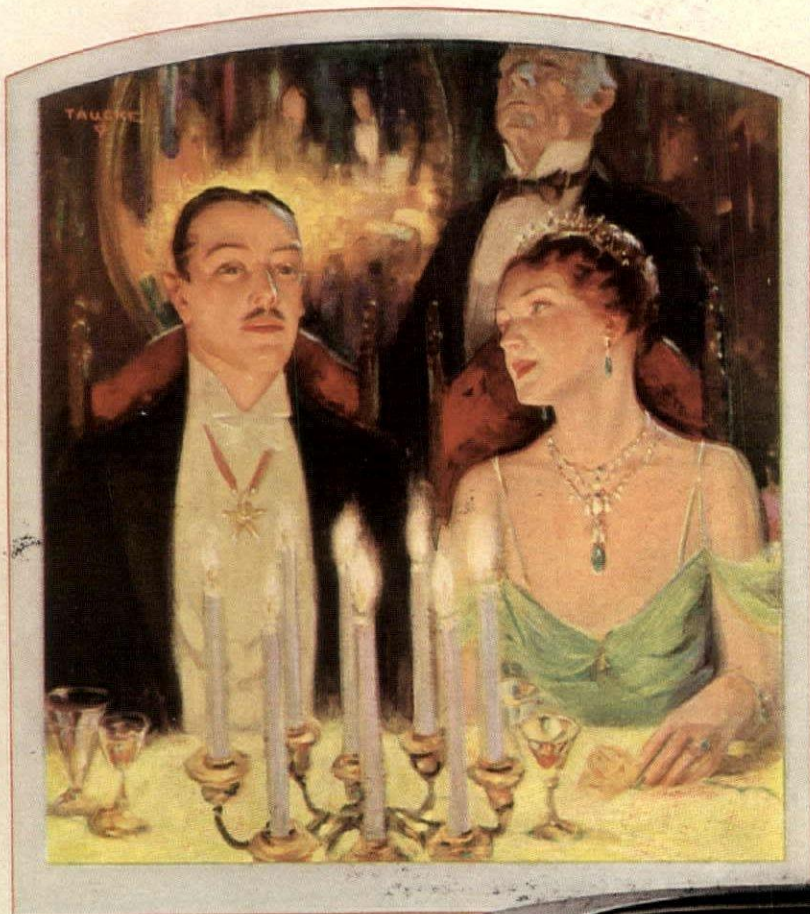
From the dim and ancient  
Grape-vine and Tobacco ha-  
and still are the guiding i-  
over man in the march of civi-  
To the eastern ancients Bacch-  
sented the social and benefi-  
fluences of the Grape-vine;  
was the promoter of civiliz-  
law-giver and a lover of pe-  
the people of the western wo-  
Nicotine was the spirit of wise-  
of harmony and civilization  
written "Man exists by bread  
with tobacco." Bread is the  
Tobacco the charm of life. A  
author declares Tobacco to  
friend of literature. He mig-  
said its inspiration. That gr-  
churchman and Rose-lover, De-  
among other wise words has  
record that:

"Before the wine of sunny R-  
even Madam Cliquot's,  
Let all men praise with loud  
the panacea of Nicot's;  
The debt confess, though none  
they love the grape and bar-  
Which Frenchmen owe to god-  
and Englishmen to Raleigh

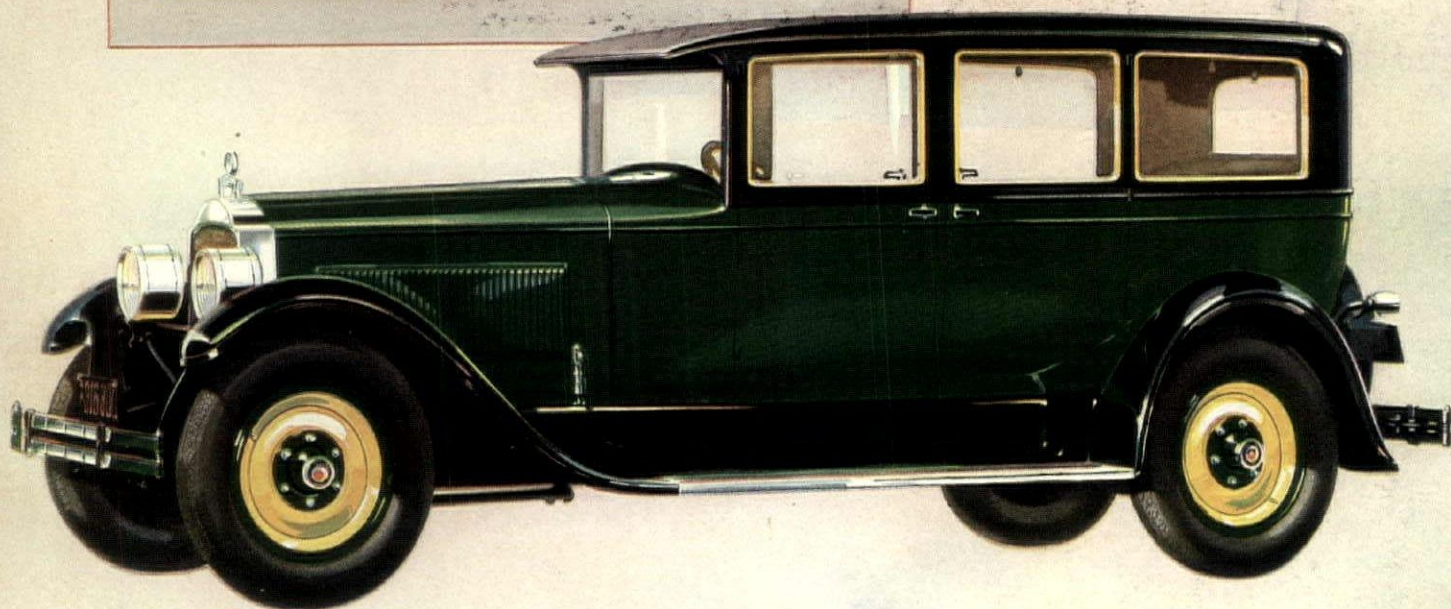
NOTE: This is the third of a  
articles Mr. Wilson has been  
on the useful plants of the wo-  
December he considered the  
useful trees and in January  
most useful shrubs and vines.  
world-wide survey, we belie-  
not hitherto been made.







"The supreme combination of  
all that is fine in motor cars."



*Prestige* ♦ ♦ The Packard owner, however high his station, mentions his car with a certain satisfaction—knowing that his choice proclaims discriminating taste as well as a sound judgment of fine things.

For the Packard is one of the world's few fine cars universally approved by the enthusiastic owners of other famous makes.

Recognized everywhere, as supremely typifying America's genius for perfection

in things mechanical, Packard cars go further in possessing to a marked degree that subtle attribute—prestige.

Packard prestige, sensed if not defined by every Packard owner, is reflected in the car's aristocratic beauty, its distinction, its luxury and comfort, its superb performance—unexcelled in traffic or on the open road.

# PACKARD

S K T H E M A N W H O O W N S O N E



H A V E A C A M E



## *The happiest words in the world*

A SAYING becomes universally popular if its expression recalls an experience of pleasure. "Have a Camel!" are the three happiest smoke words ever uttered because no other cigarette ever gave the world so much enjoyment. To millions of experienced smokers, Camels are contentment realized.

Camel has become the most popular smoke of all time because of quality. Camels contain the choicest Turkish and Domestic tobaccos that nature grows. Then these superb tobaccos are given a blending that can be found in no other

cigarette. The largest tobacco organization in the world puts its all and its best into Camels. You could smoke, end to end, a mile of Camels—they will never tire the taste, never leave a cigaretty after-taste.

We invite you now to introduce yourself to the finest made.

Millions of friendly voices are calling you to the mildest, mellowest fragrance that ever came from a cigarette. Once you know what they mean, no words can compare with

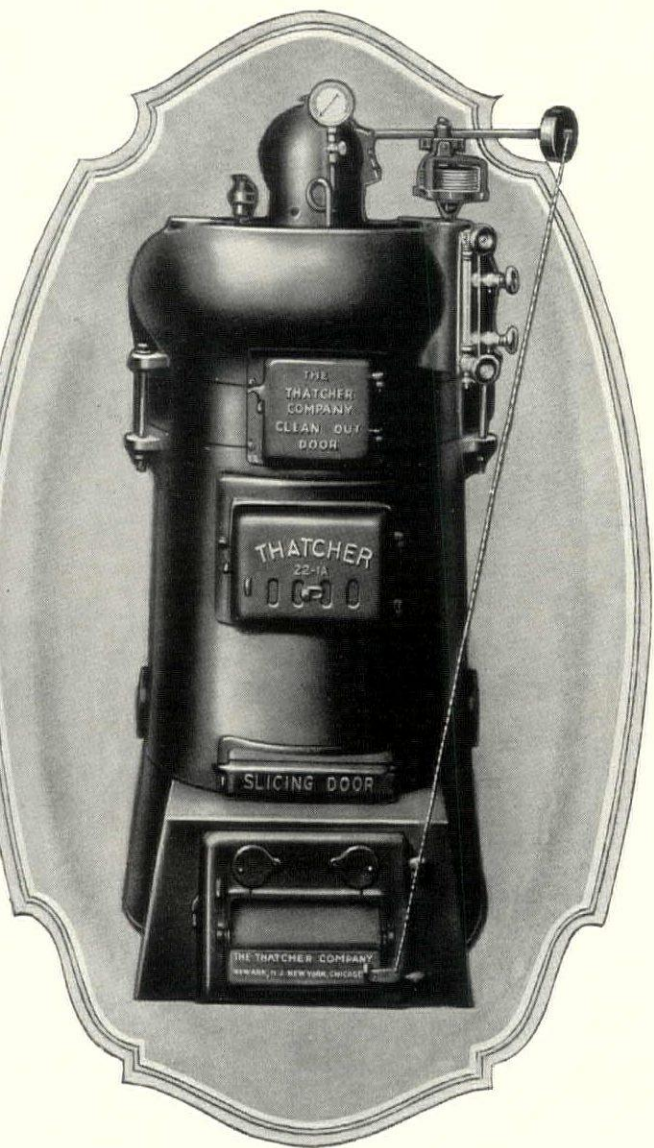
*"Have a Camel!"*

R. J. REYNOLDS TOBACCO COMPANY, WINSTON-SALEM, N. C.



# THATCHER

## Round Boiler



**D**UE to the "staggered" fire travel, even the waste smoke and gases are made to give heat in the Thatcher Round Boiler. Every possible heat unit is extracted, thus insuring a big saving in fuel.

The large feed door will take a heaping shovel-full of coal without spilling, and gives free access to all parts of the boiler. The extra deep fire-pot means increased heating capacity, fewer firings and easy banking at night.

The Thatcher dealer near you will gladly demonstrate this boiler and convince you why it is the best heating outfit for your home.

*Write for literature describing the Thatcher Round Boiler and other Thatcher products.*

**THE THATCHER COMPANY**

Since 1850

CHICAGO      NEWARK, N. J.      NEW YORK  
341 N. Clark St.      39-41 St. Francis St.      21 W. 44th St.

# THATCHER

BOILERS-FURNACES-RANGES



# Banish the

## Garbage Can Nuisance forever

**O**THERWISE, they like their new home! Certainly, you don't want to make this a picture of your own back yard!

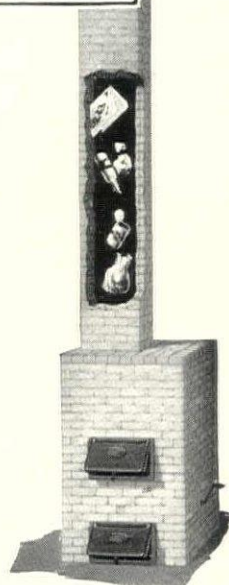
Why tolerate the foul smelling, health menacing, work creating garbage can? Get rid of it forever in your new modern home. Install a Kernerator! Over 2500 architects and builders use and recommend it. But remember, it must be in the plans—it can rarely be installed later.

Garbage, tin cans and rubbish of all kinds are dropped through the handy hopper door in or near the kitchen, and fall to the brick combustion chamber, connecting with your regular chimney in the basement. A match lights the air-dried accumulation, and it burns to fine ashes. Tin cans, bottles, and other non-combustibles are flame-sterilized. The first moderate investment is the last; there is no operating cost.

The Kernerator is being used in every one of the 360 Model Homes being built in 28 principal cities under the supervision of the Home Owner's Service Institute.

Consult your architect or contractor — both know and recommend the Kernerator. Or write for booklet "The Sanitary Elimination of Household Waste."

**KERNER INCINERATOR COMPANY**  
725 East Water St.      Milwaukee, Wis.



The Kernerator costs no more than a good radio — but the radio can be added anytime, while the Kernerator must be built in.

# KERNERATOR

REG. U. S. PAT. OFF.  
THE CHIMNEY-FED INCINERATOR

*"Garbage and Waste Disposal  
without Leaving the Kitchen"*





Earl Barker residence,  
Beverly Hills, Calif.

Gable & Wyant,  
Architects

## New Spanish Effects in Everlasting Colors

**O**VER the whole country Spanish architecture has cast its spell. Homebuilders are turning to those unique effects in stucco with warm, subtle colors and gentle textures which impart the feeling of true Spanish hospitality. In California and Florida stuccoed Spanish homes have long been popular. Now, built of California Stucco their colorful effects are practical and lasting in any climate.

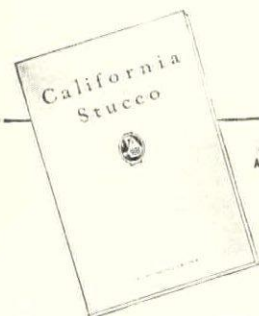
...here is a different stucco, indeed! Permanent, enduring as structural concrete because it is made with *portland cement*. Colors are Nature's own mineral pigments and withstand the severest winters. Yet this stucco is so plastic, so versatile, it offers infinite possibilities for expressing the spirit of warmth and friendliness that should pervade a home.

NEW STUCCO BOOK JUST OFF THE PRESS

...The latest stucco finishes, in actual colors, and how to produce them. Full details, information valuable to every home builder. 25c a copy to cover wrapping and postage.

THERE IS A CALIFORNIA STUCCO DEALER NEAR YOU

# California Stucco



Send 25c for this new stucco book

California Stucco Products Co.,  
1503 So. Alameda St., Los Angeles

Please send me your new book giving latest stucco finishes in colors, and detailed information. I am enclosing 25c.

NAME.....

ADDRESS.....STATE.....

## ARCHITECTURE OF CALIFORNIA

(Continued from page 104)

been turned into a series of settled communities. It should be remembered that these were the first communities—the very first groups of houses and living quarters—ever built by Europeans on this continent, and that they were exclusively of a Spanish type.

In the year 1769 this combination of the Spanish sword and the cross moved northward into the wilderness of what is now the State of California. To understand just how much of a wilderness it was requires but a brief glance at the calendar. To begin with, it was entirely shut off from contact with the rest of the civilized world; it was even 2000 miles removed from the Spanish base of operations, in Mexico. The period itself furnished yet further isolation. For the time antedated even the beginning of the United States. It was long before Paul Revere's ride, before the Declaration of Independence had even been definitely conceived, while the thirteen separate colonies still struggled as small individual states along the Atlantic seaboard, and it was almost a century before any sort of permanent communication had been established across the United States.

Those who have devoted their lives to a study of the architecture of nations, claim that it is the truest possible expression of a people, their environment and ideals; that it recites their history far more accurately than do the pages of their literature.

On the shores of Southern California the padres began to build such a history. That they built it in the face of all but insurmountable obstacles, only adds to the amazing character of the result. They were entirely without funds. In addition to this they had no architect's plans; no evidence exists of any plans ever having been supplied the padres either from Mexico or Spain. In the third place they were entirely without craftsmen, because no Spanish carpenters or builders could be induced to go so far from home to labor in an untrod wilderness.

Yet these priests were possessed of one extremely fortunate accomplishment. For many hundred years they, or their ancestors, had designed and built the great cathedrals of Spain—this always with the assistance of their parishioners. Now, in the new land, they solved their building problems in a manner not dissimilar; and they trained the Indians to assist in the construction.

### BUILDING THE MISSIONS

The priests and the neophyte Indians built the California missions. For their inspiration they drew on the memory of their childhood days in sunny Southern Spain. The materials used were those that the region naturally supplied. They built to fit specific conditions of the environment in which they found themselves, and they built along simple lines because they had no funds for elaborate decorations.

The first buildings erected by the padres consisted of posts set close together, plastered with mud, thatched with straw, and, in the absence of nails, tied together with leather

thongs. Yet these structures were too easily, so they began to make adobe-bricks molded by hand and laid in the sun to dry; the thatched roofs were replaced by the now famous burnt clay tiles they made because they had no iron for roofing purposes.

Decade after decade they went on, confronted each day by new unforeseen conditions, overcome by new obstacles, yet always striving to make this wilderness a group of temples to their God.

### TIMES OF PROSPERITY

In time the missions grew prosperous; the padres became traders, commercial and financial men of the country, producing fruit and grain, raising vast herds of cattle, horses and sheep, and dealing extensively with the few merchant ships that came near their shores. During this interval the neophytes, under their tutelage, became men in the various arts, while a new line of missions grew into existence of art and craftsmanship as never before inspiring as one may ever hope. Then, in 1845, the Mexican government confiscated all these missions and sold the properties to pay the political debts—which is another and entirely beyond the range of this article.

There were twenty-one missions strung for a distance of 700 miles along the Southern California coast. They continued in operation for more than 75 years, and their establishment just 75 years ago. Yet up and down the length of what the padres called *El Camino Real*—(The Highway)—these missions still remain. Some continue in their original form though many have been restored.

Now it should be understood that this California Mission architecture is not, strictly speaking, Spanish, though it does have a Spanish origin. The architecture brought over by the conquerors in the 15th Century was strongly Italian and Moorish, and overloaded with ornament. The Spanish, now being so extensively employed in the United States, recently acquired a new style. First introduced in America by a New York architect at the Chicago World's Fair, it is now in its full fruition, and likewise its revival, on the Pacific Coast. At the San Diego Exposition, where it furnished inspiration for a notable series of buildings.

The padres, in coming to California from Mexico, carried with them no memory of the Aztec or the Moorish. It is this type of architecture, created by the padres and evolved through a long and various series of decades, that autumnal as distinctive, and from succeeding generations, avidly imitating the models still extant, have developed a type of modern architecture that is now being extensively used in many parts of the United States.

Some of the features which the padres of those early days developed and made practical and beautiful

(Continued on page 156)





## A Truly Modern Material for Your Bath Room—

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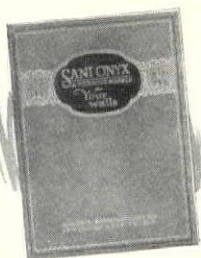
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The toilet seat is the one fixture that can “make or break” a bathroom. A dark-colored, cracked or old toilet seat is not sanitary and is always noticed.

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THE Church Sani-White Toilet Seat adds new beauty to any bathroom. It is a surprise and a pleasure to see what a difference it makes in the appearance of the room.

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## Cultivate this good habit

Each day more men and women are learning that good health and beauty are dependent upon the condition of teeth and gums. They practice simple preventive measures. And they never forget to go to their dentist at least twice a year.

## 4 Out of 5 Pay Pyorrhea's Price

Unless a vigilant guard is kept, Pyorrhea steals into the mouth and starts its deadly work. Its poison creeps through the system. In its wake may follow rheumatism, anemia, stomach troubles and even distressing facial disfigurement.

It takes as its victims 4 persons out of 5 after 40 and thousands younger.

Don't fear these uneven odds. With a little care you can protect yourself against Pyorrhea. Go to your dentist for a thorough examination, once every six months. And start using Forhan's for the Gums regularly, morning and night.

It is the one dentifrice specially designed to combat Pyorrhea. It is the formula of R. J. Forhan, D. D. S., who for years specialized in the treatment of this disease.

Start using Forhan's for the Gums, tonight. It contains Forhan's Pyorrhea Liquid, used by dentists everywhere. It wards off Pyorrhea or checks its course if used regularly and in time.

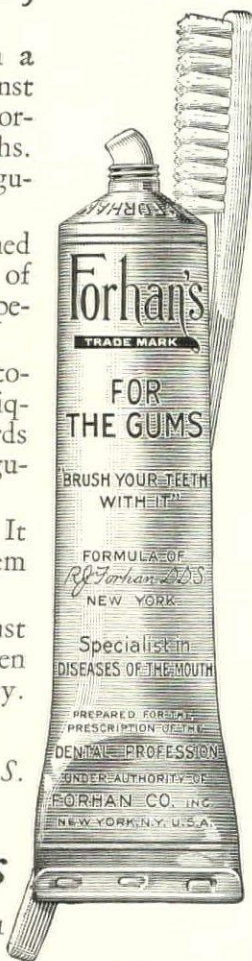
It firms gum tissue and keeps it sound. It keeps teeth snowy white and protects them against acids which cause decay.

As health insurance and protection against Pyorrhea, use Forhan's. Teach your children this good habit. Get your first tube, today. At all druggists, 35c and 60c.

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## Forhan's for the gums

MORE THAN A TOOTH PASTE... IT CHECKS PYORRHEA



We Make  
This Promise



Everybody wants a sweet, fresh breath. If you try this new, sparkling Forhan's Antiseptic Refreshant once, you'll never go back to ordinary mouthwashes that only hide bad breath with their tell-tale odors. Forhan's Antiseptic Refreshant is a success. Try it.

## ARCHITECTURE OF CALIFORNIA

(Continued from page 154)

which later became important in our modern American structures, may prove of special interest.

Distinctive among them were the adobe walls covered with stucco. The padres were forced to build adobe walls because of the dearth of timber, and they covered them with stucco for better protection from the elements. These old mission stucco walls are the ancestors of all the stucco walls in our present-day America.

More distinctive even than these were the burnt-clay tiles, which they used for roofing purposes. The California padres made the first clay tiles ever manufactured in the United States. They were made to roof the San Luis Obispo Mission, and the year of their advent was 1722. The tiles, which are curved in shape, were fashioned by the Indians, who molded them across the thigh, after which they were placed in a kiln and burned to that subdued though brilliant consistency which today makes beautiful homes in so many parts of our land.

### ARCHITECTURAL DETAILS

Not only did they manufacture these concave tiles for roofs, they created a number of flat varieties for various other purposes: floors, walls, benches, walks, fountains and wainscoting, were all created of tile; indeed the padres displayed a marked originality in combining this simple commodity into useful shapes.

Another development, until that time unknown in America, was the arch. The arch, in its earliest form, was a doorway leading to an inner enclosure through which our primitive European ancestors made shift to escape from their enemies. This doorway, in the course of centuries, developed into the Roman arch, was used extensively in Spain, and was brought to America by the padres, who employed it in the building of their missions. The corridors of the Capistrano mission, two hundred feet in length, have a series of 32 arches.

Perhaps the most distinctive and beautiful, as well as the most extensively adopted feature, created or evolved by these devoted priests of an early day, was, and is, the patio. All California missions were built with patios—large square enclosures, surrounded on four sides by the various mission buildings. Primarily the idea was one of self-defense—as a protection from marauding outlaws, hostile Indian tribes, and visits from the numerous pirate ships. The enclosure became popular as a general meeting place—a council chamber, a living room, lounge and kitchen-garden combined—as a consequence of which they beautified it with flowers, shrubbery and other decorations.

In like manner—and partly as a means of defense—they originated the low adobe wall, so much used today as an enclosure for the semi-tropical dwelling. The dome employed extensively in Mexico, became a notable feature in early California, while the pierced belfry and the terraced bell tower, now used so extensively throughout the United States, were, in

design, entirely original with the mission padres. Indeed, one sees where nowadays, in domestic and religious structures, traces of mission influence. The curving parapet or gable, the wide-spread cloistered corridor, the patio, the small square tower, the embrasured arched windows, are all features borrowed from the missions.

Thus it must be admitted that the architecture was truly a creation, built from a memory of the past yet always to fit conditions that confronted its builders in America. In many respects the original product is crude; in all the missions there is evidence of the barbaric taste of the primitive Indians who aided in the construction. Yet the soul is there, it is beautiful, made so by the necessity of the conditions in which it evolved, made stately by the zeal of those ancient padres to create yet more magnificent structures to the glory of God, and made permanent, because all their efforts were made for permanence.

Not only was it natural but inevitable that these stately old buildings, standing as they have the years, should have been copied by Americans who came to build in the region following its acquisition and that later generations should continue to evolve and develop a type of architecture at once so completely beautiful, and so perfectly adapted to all the requirements of the country. Many of the structures followed modified and somewhat glorified lines of the ancient Spanish mission house. Often this type is found on elevated areas; as in the Hollywood hills, where hundreds of such structures greet the eye; for the farmhouse, the rooms of which frequently are raised or sunken, thus are reached by short series of steps, is well suited to the hills.

Not only has the California mission type become an important factor in the creation of the modern architecture, it is being extensively employed in public buildings, in theatres, clubs and schools. The entire architectural horizon of Los Angeles and its environs has been both changed and beautified by the introduction of these unique and practical designs.

### GENERAL ADAPTABILITY

The extent to which this type of architecture will influence the home building of the nation is partly a matter of conjecture. Authorities claim that it is available in its present form to almost the southern half of the United States, while many of its features are practical for any part of the country. Already it is recognized as one of the products of our national expression and has been adopted in many parts of the United States. The arches, square towers, curving parapets and cloistered corridors are featured in the structure of every city, town and village, while the mission house, red tiled and with its spacious patio, is finding favor in place in all the southern half of the United States.



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*A shilling in London  
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gay with its colourful fruit and flower decoration will be a welcome gift, or make a bright addition to one's home.

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REG. U.S. PAT. OFF.  
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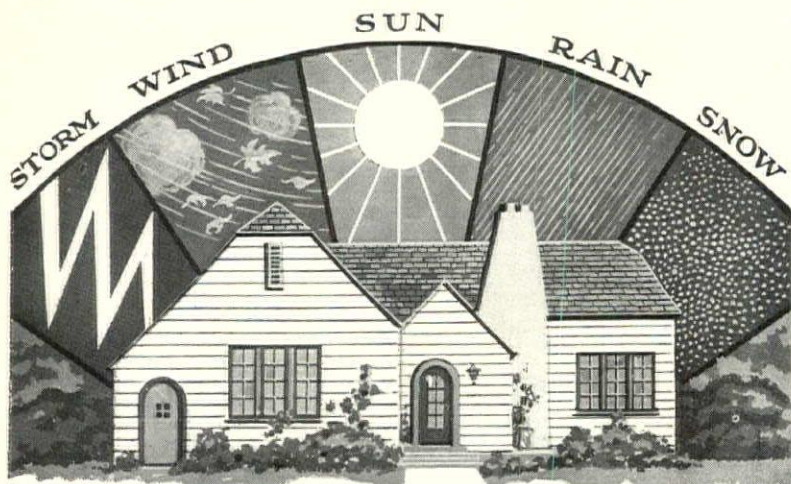
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Good paint is excellent, of course, but does the preservation of your home depend entirely upon this thin film? Have you weather-resisting material *beneath the paint*?

Whether you are buying a house ready built or are building your own, be sure that it is sided with genuine Western Red Cedar siding, long-lived, rot-proof and with distinctive beauty of line—sidewall material that will not crack, peel off, discolor or crumble. Even good paint cannot prevent such deterioration in certain sidewall materials.

Siding of Western Red Cedar, the wood which carries its own natural preservative, will add years to the life of your home. Also, it will enable you to save many dollars in fuel

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Address.....



In the east parlor of the Pierce house is preserved this mantel designed and executed by Samuel McIntire

## McINTIRE-COLONIAL CARPENTER

(Continued from page 108)

struggle of mind over matter. At any rate, when this extraordinary housewright died in 1811, Salem must have seemed his collected works, all specially bound by the author and set along the Elm-shadowed streets, neatly. That, at least, was the opinion of the moment and it is the impression one receives today when much of his work has disappeared. We have it on the authority of no less a person than his pastor that "indeed, all the improvements to Salem for the past thirty years have been under his eye."

These improvements consisted principally of private houses for the wealthy merchants and mariners of the town, but they included public buildings as well—the Court house, the North and South Meeting Houses, and doubtless others. In addition, one surmises that he must have turned out

special timbers and prepared fittings for many vessels built during the thirty years of his life there. It is a certainty that his heads were admired by sailors on the Seven Seas.

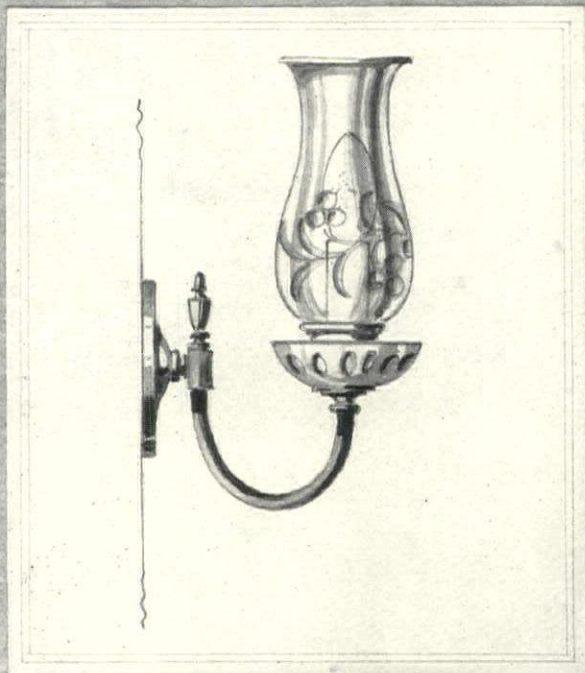
The Rev. Bentley (here again), who performed so prominently in his favor on the day of his death, leaves, in part, this record, "McIntire 'was descended of a family of carpenters . . . and was educated in that business," and "by attention he soon gained superiority to all of his own time. Well, we may be sure it was not McIntire's mere assiduity that carried him so quickly to eminence. Simply plugging away never made a post. And yet McIntire might have passed the time of his life in any other way."

(Continued on page 109)



In 1782 McIntire built the Jerathmeel Pierce house, one of the beauties of Salem today. It was acquired by the Essex Institute in 1917 and is preserved by that association





REPRODUCTION OF A ONE LIGHT CANDLE  
WALL BRACKET SUITABLE FOR AN EARLY  
AMERICAN ROOM

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*Designers and Manufactures of Lighting Fixtures*

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# ROOKWOOD

popularity is due to a new and varied expression  
of the everlasting qualities of the potter's art.

THE ROOKWOOD POTTERY COMPANY

Celestial Place, Cincinnati, Ohio



## New Results ~ in Cooking and Baking

...s can be the most delicious breads—cakes—rolls—  
...uts—waffles; the tastiest vegetable dishes; the most vel-  
...ice cream; the smoothest mayonnaise, and a thousand  
...one of the best other dishes you've ever tasted—when  
...have KitchenAid. Better meals with less work!

henAid does the hardest work in cooking and baking—  
...does it superbly well! It sets a new standard in food  
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**MIXES**  
dough for bread, rolls,  
biscuits, pastry, etc.

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eggs, icings, batter for  
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cream, little or much;  
mashes potatoes superbly.

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vegetables for soups and  
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potatoes (thin or thick);  
vegetables, firm fruits.

**CHOPS**  
meats (cooked or raw);  
nuts, raisins, figs, etc.

**FREEZES**  
ice cream, sherbets, all  
kinds of frozen dainties.

**MAKES**  
mayonnaise, candies, etc.,  
and does it all  
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...n all about this wonderful, versatile electric  
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...only a few months! Write for KitchenAid  
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The KitchenAid Mfg. Co., Troy, Ohio.

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Please send me your KitchenAid booklet telling all about this  
remarkable electric maid.

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*Finished to*



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## for the Small Dining Room

**F**OR the small dining room of the present home where sim-  
plicity and character rather than massiveness is the keynote,  
this beautiful dining-room set is admirably suited. Combining  
the very latest of current furniture design with the best of the  
Colonial period, this Leavens offering is of unusual distinction.  
The delicate turnings of the legs and the tapering bow-backed chairs are reminiscent  
of early Windsor workmanship, while the decorations of the complete set carry all  
the charm of modern design. Buffet may be had with or without cupboard top.

### Finished-to-your-Order Plan

Through the Leavens "Finished-to-your-Order" plan this attractive dining-room set  
as well as many other pieces of Leavens Furniture may be secured at surprisingly low  
cost, painted or stained or decorated any color you wish. Our illustrated booklet de-  
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Please send your illustrated Catalog and com-  
plete details of the Finished-to-Order Furniture.

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# LEAVENS Furniture





# When they're grown up— its surface will still be smooth and beautiful

THINK how quickly the wooden seat in your bathroom lost the shiny surface it had when new! Now you can replace it with a seat that will always be sanitary and beautiful.

The Whale-bone-ite Seat has a brilliant glass-like surface which nothing in ordinary use will destroy. Unlike the veneered finish of the wooden seat, the surface of the Whale-bone-ite Seat is part of the seat itself. The Whale-bone-ite Seat is ONE PIECE—molded when soft into shape under tremendous pressure.

Thus it has no cracks, joints or seams. There is no thin surface to wear through. Non-inflammable, it will last a lifetime without losing its lustre.

Almost universally, fine hotels, schools, public buildings the country over are equipped with the Whale-bone-ite Seat. Architects urge the

Whale-bone-ite Seat for all fine construction. Experience has taught them it is the most sanitary, economical seat made.

The Whale-bone-ite Seat is a beautiful gleaming black. It conforms particularly well to the new vogue for color in the bathroom. It brings new beauty to any bathroom.

Have your plumber replace the worn, defaced seats in your home with this most ideal of all seats—the Whale-bone-ite Seat. It will take him but a short time. Then your satisfaction will be lifelong.



Brilliantly smooth—  
cleans like glass—  
lasts a lifetime

An actual  
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To let you examine this amazing substance, Whale-bone-ite, we will send an actual cross-section of a Whale-bone-ite Seat. Also a booklet showing the new colorful bathrooms. Both free. Write today.

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THE BRUNSWICK-BALKE-COLLENDER COMPANY · CHICAGO

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Address ..... City .....

## HOUSES IN THE COTSWOLD

(Continued from page 142)

build, and here they were built no higher than was really necessary. When second story windows were needed in the side walls, dormers were used, and used very effectively. This breaking up of the eave lines with dormers forms one of the characteristics of Cotswold buildings. Dormers were always designed with a view to their relation to the rest of the building. They were never skimpy, but of dignified stone construction, built out on the face of the wall, never back upon the roof. These dormers invariably were wider than the windows and much higher. This gave more room on the inside of the house and a finer effect on the outside. Sometimes dormers were increased in size to make gables, but this development is found more on the larger houses, and later became a major feature of the Tudor style.

### WALLS AND ROOFS

The walls, as I have said before, were left as low as possible, from twelve to fourteen feet to the plate line; but roofs were made quite steep—16 and 18 on 12 (that is, sixteen or eighteen inches rise of rafter in a width of twelve inches). This steep pitch was desirable for two reasons. One was that it gave more head room in the house, and the other, that as the stone slate used was very rough in its surface and shape, a steep pitch was absolutely necessary to make the roof water-tight. Cotswold stone roofs, while having the most delightful texture of any that I know, are very difficult to make waterproof. While I never grew weary of admiring their beauty and praising their perfect propriety, I failed to find a single tenant living beneath one who would say a good word for it. All protested that they let in the cold in the winter and the water when it rained. And as it rains most of the time in England it is perhaps happier to know them from outside than from in.

The beauty of Cotswold roofs lies principally in the textural effect which is brought about by the inequalities of the roof surfaces and the inequalities of the slates themselves. Perhaps this can be made clearer by comparing the methods of the Cotswold roofers with our own. To begin with the Cotswold method, the rafters are usually limbs of trees hewn flat on the upper side. It is therefore impossible to keep them in perfect alignment as we can with our dimension timber. (Not only is our timber run through the planing mill to exact sizes, but upon our evenly disposed rafters is laid a flat floor of sheathing which makes any irregularity of surface impossible. In the Cotswold roofs there is no sheathing, but roofing strips only, laid over the rafters. This allows the wind to blow through the roof and it is also the reason for the uneven surfaces which so enhance its beauty. The slate itself—though it is not slate but flat

stones taken from the fields which lie as thick as pebbles on the ground—is rough on all edges, thick and irregular in shape and small in size.)

The Cotswold courses—beautifully graduated—run on for five inches to the weather, and at the ridge they are narrow as two inches. Our slates are laid with an exposure of six or eight inches at the eaves, four or five inches at the ridge, graduated, although usually they are not graduated at all. The exposure in Cotswold slates brings the ragged bottom edges near together, it is these ragged edges that contribute most to the texture of the roof. The Cotswold slate is hung with a wooden peg, the larger ones being used to the roofing strips. This is the logical way to do, considering the roof structure. Any settlement received without the slate breaking, the method of nailing the slate to the sheathing as is done in the Tudor style leaves it liable to break very easily. Their natural way of slating made wide stone ridges at the eaves, necessary. The wide ridges have no counterpart in the broad, flat stone which ran up the gables. The two wide bands at the eaves of the roof are noticeable characteristics of Cotswold work, as may be seen in the illustrations.

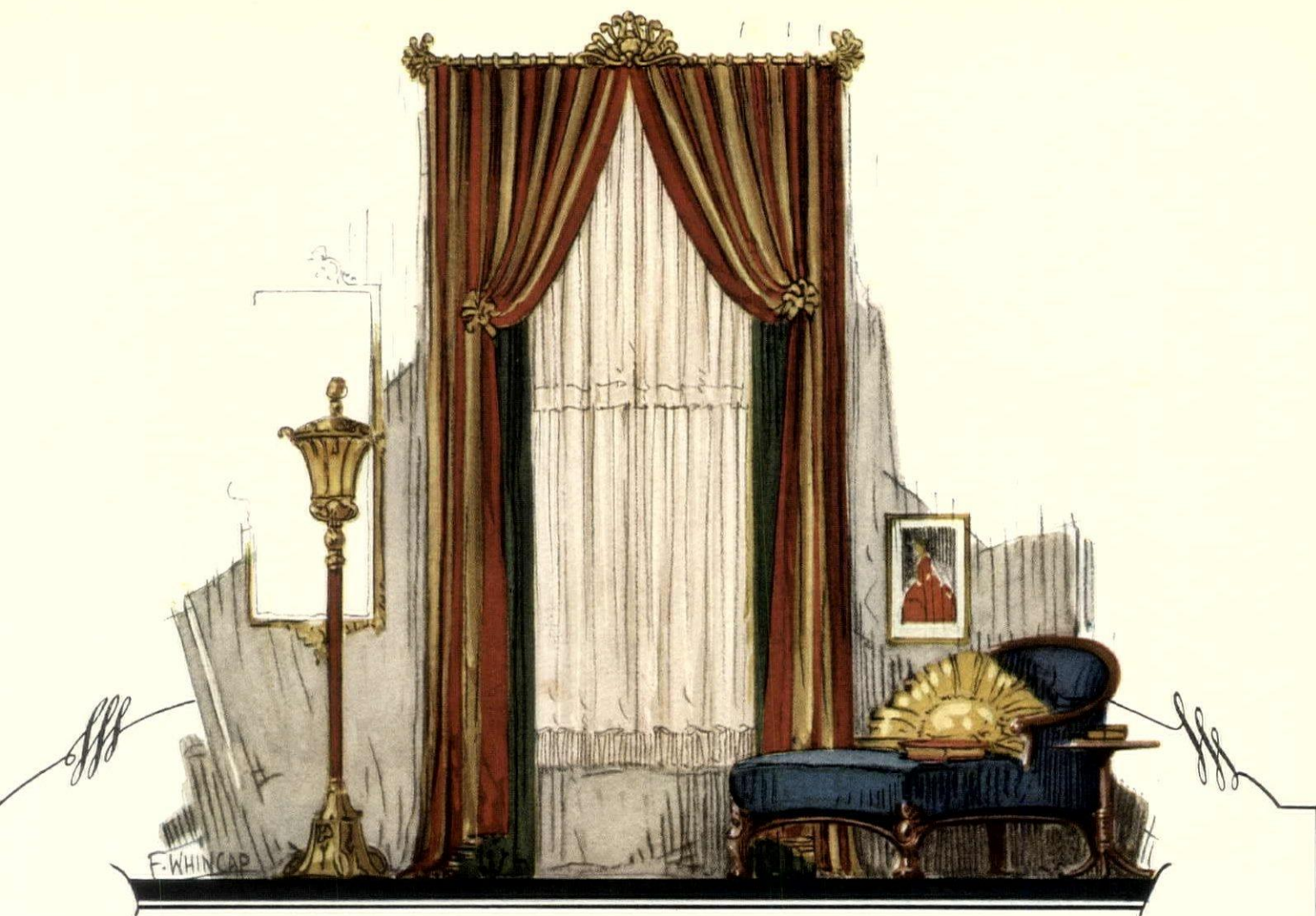
But there are other helps in beautifying Cotswold roofs, those depending wholly on the technique of building. The slates out and gradually become smooth through the action of dust and wind. The moss and lichen grow upon them and lend their color and richness to make them the beautiful objects they are. But this last is all the result of the damp and drizzle of the climate. We in this country hope to see our roofs grow smooth. And we would not if we could, for the sunshine and blue sky are better than moss upon our roofs.

### TEXTURAL TREATMENT

While the relation of roof to wall and void to solid, and balance of proportion are all vital matters to the architect, yet materials do count. I have just noted. Cotswold roofs are practically all alike, but Cotswold masons varied their stone laying. Some of the walls the surface has been roughly faced, and in other places the stones have either been sawed or rubbed. The smoother varieties are in my mind the best. They are suitable for the simple designs of windows and doorways and the rougher stones which ornament them. The smooth stones of the walls are more interesting contrast to the rougher surface of the roof. The matter of contrast is the most vital thing which the artist has at his bag of tricks. The most subtle, most striking, and I sometimes think the least understood.







Overlapping Curtains for Privacy—Draperies Easily Detachable,  
Draw Cords Hidden—*Exquisite finishes—greater beauty  
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"You have simplified some very perplexing phases of interior decoration,"—writes a leading decorator. For instance:

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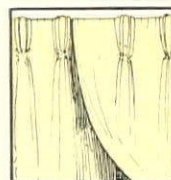
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Sturgis, Mich., U. S. A.

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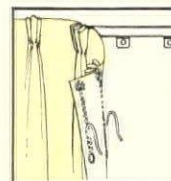
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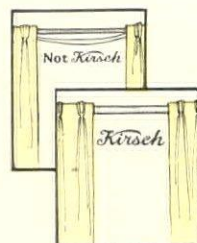
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Quickly taken down for cleaning or airing, easily replaced, without disturbing hardware.



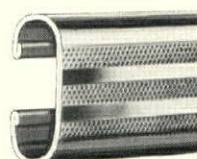
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**BARBARA SIDE CHAIR**

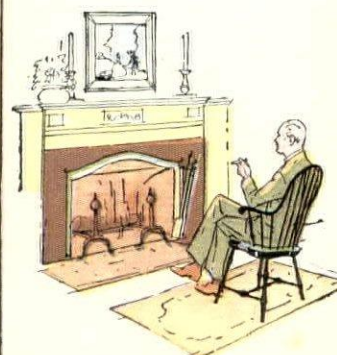
Exceptionally well suited for dining room, comfortable, decorative. Note the graceful sweep of Bow, the attractive rake of the Legs. Whitney No. 639 F.

**Y**OUR furniture dealer will be glad to show you Whitney Barbara Windsors in many interesting variations. In addition to the Rocker illustrated above (No. 639 F-1) you may secure the Barbara design in Side Chair, Arm Chair and Arm Rocker with a choice of Splat Back or Spindle Back, Barbara or Philadelphia Turnings, Plain Seats or Hand Woven Rush Seats. All are authentic, graceful and comfortable.

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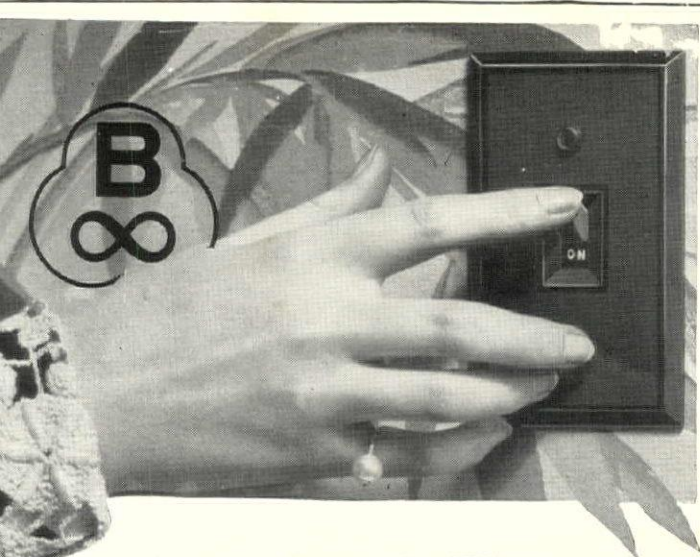
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A handsome Windsor, designed along pleasing lines, built to last for generations. A favorite chair for the living room. Whitney No. 639 F-2.



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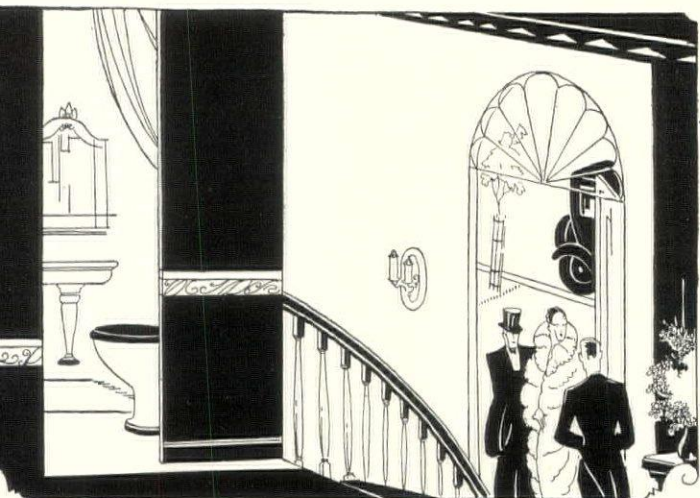
Ask your architect or an electrical contractor to show you samples. The genuine bear the trademark **BAKELITE**.

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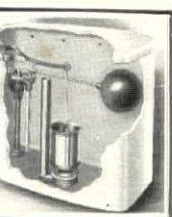
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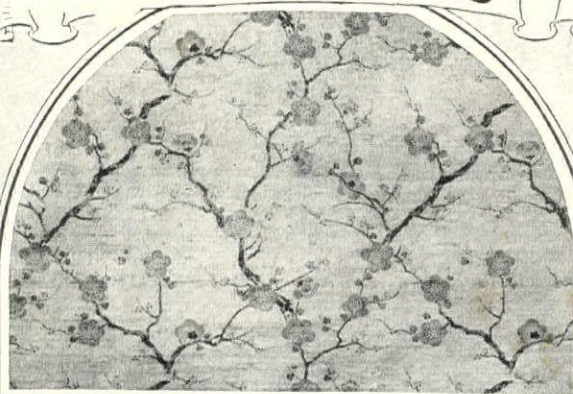
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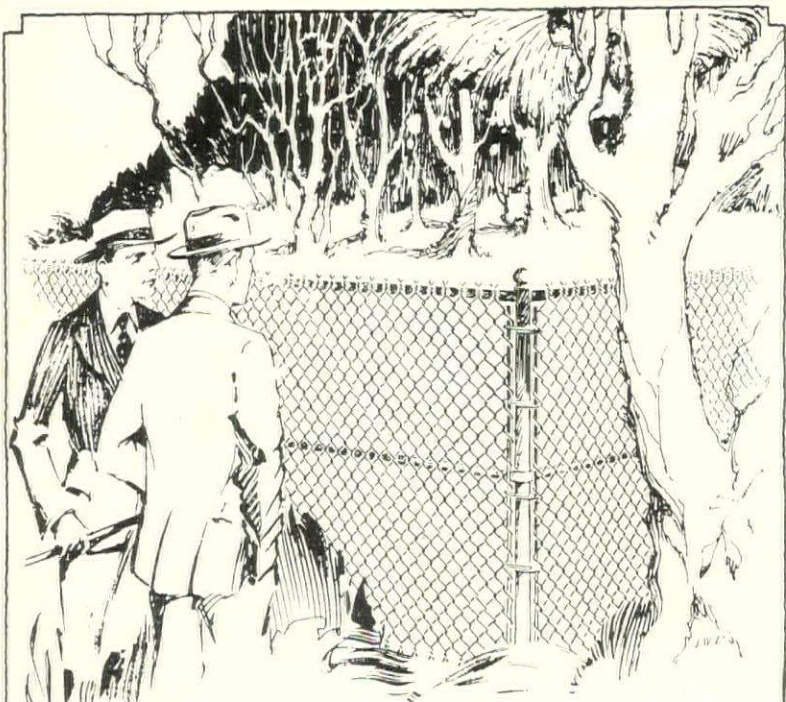
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It clothes the property with new and befitting elegance and provides the protection which so great an investment in property deserves.

The fabric and tubular framework are made of Copper-Bearing Steel, for maximum endurance and economy. Write for catalog and complete information.

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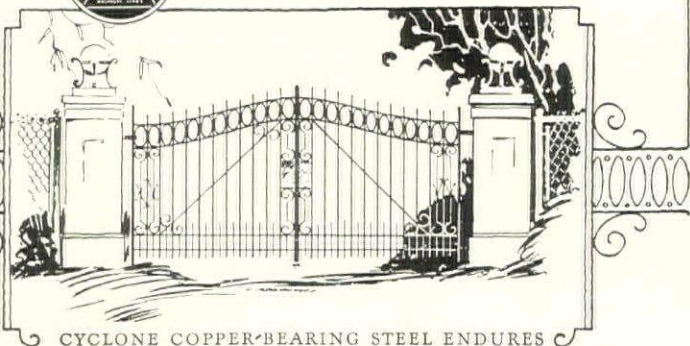
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Cyclone Wrought Iron Fence and Gates, built in beautiful standard designs, also in special designs from architects' drawings.



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1927.

CYCLONE COPPER-BEARING STEEL ENDURES



*A parlor mantel by Samuel McIntire made originally for the Registry of Deeds building in Salem, and now preserved in the Essex Institute Museum*

## McINTIRE—COLONIAL CARPENTER

(Continued from page 158)

most perfect apprenticeship, lent himself to the mastering of every task in the carpenter's and wood carver's curriculum, yet have remained no more than a skillful journeyman, if it had not been for the spark that had been imbedded in him when the distribution was being made. His close application fanned this spark into flame, and

while he was still a fairly young man he had become the author of original designs for the most important architecture of his town. That in itself would mean very little if the architecture had not happened also to be beautiful. But this it emphatically was from the beginning to the end.

(Continued on page 164)



*An eagle which was carved by Samuel McIntire. Courtesy of the Essex Institute collection*

*The John C. P. house, signed by Samuel McIntire in 1780. The residence of David Pinyan.*

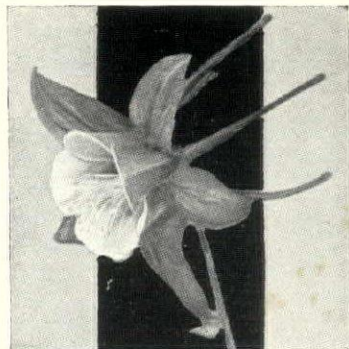






# Announcing Schling's Novelties for 1927

Scabiosa Peach Blossom  
A new giant variety very attractive in bed or vase—See Offer A.



Copper Queen  
The new Columbine hybrid of a rare and exquisite shade. See Offer A.

## OFFER B—(A \$3.25 value for \$1.00)

Our Great "Get Acquainted" Offer to House & Garden readers—an extraordinary value!

New Orange Glory Calendula—golden orange per- form. Double, without center.	Pkt. \$ .25
New American Beauty Aster—Gigantic flowers, 7 inches across, 3 ft. stems, same color as American Beauty Rose	.35
New Annual Double Fringed Hybrid Chrysanthemum in a charming color range, very attractive in both garden and vase.	.15
New Semi-Double Crested Cosmos—of giant size with double rosette-like center.	.25
New Hybrid California Poppies—lovely new shades pink, scarlet, chrome, copper red, claret and purple, etc.	.25
New New Giant Hyacinth-flowered Larkspur—exceeds others in length of stems, size of flower spikes and overall vigor.	.35
New New French Marigold—Glorious—rich velvety brown centered on brilliant velvety scarlet. A Gem.	.75
New New Erysimum, Orange Beauty—pale-orange-yellow, flower-like spikes. Delightfully fragrant.	.25
New New Giant Early Flowering Pansy, World Record— flowers of immense size on long stems. In bloom from March to December.	.25
New New Marvelous Dahlia-flowered Zinnias—True tendrils. Flowers 6 to 7 inches, like huge dahlias.	.40
	\$3.25



## OFFER C

(A \$9.65 value for \$7.50)

Other Recent Novelties well worth your acquaintance.

Don't overlook them.

Sunshine Aster—The remarkable new single aster with a cushion center and tiny quills of contrasting color. In garden or vase. In 4 separate colors. The selection.	Pkt. \$ 1.00
American Carnation Hybrids—The long stemmed green- house type, can now be grown in the garden, blooming in months from seed. New shades from orange to purple	1.00
Algonquin Bedding Dahlia—Most marvelous recent achieve- ment in plant breeding. A true dwarf only 2 ft. high. Single flowers of immense size carried on stiff can- dles. Colors in all lovely tints of Autumn, ideal for cutting and cutting.	1.00
Alpine Wallflower—Great clusters of charming mauve red fragrant flowers. A prize for the border or rock garden.	.50
Cornuta, G. Wermig—These everblooming garden plants rival the hothouse variety in size and their rich purple violet blue color.	.75
Shirley, The Shirley—A magnificent new strain of giant gloves with 4 foot spikes. Flowers of great size.	.35
Alumina Cardinal Illumination—Plamining cardinal red 5 to 6 foot spikes. A striking contrast to other plants.	.35
Emperor Larkspur, Pink Delight—Ideal for bedding, 24 inches high, a lovely shade of deep pink.	.25
Luminosa—Gigantic blooms of luminous flame-pink tinged to softer shades of salmon, flesh and coral.	.25
Extra Early Dwarf Fairy Queen—Only 2 1/2 ft. high, lily branched and gay with bright rose flowers from May to the end of the season.	.50
Hothouse Ecklonia—A recent arrival. The star shaped leaves daisy. Already very popular for garden and indoor decoration.	.35
Original Blue Lace Flower—Dainty lace-like flower of the most exquisite light blue.	.50
Bedding Petunia Violet Queen—Real deep velvety violet blue, blooms as freely as Rosy Morn.	.50
Single Aster Helvetia—Like giant Shasta Daisies long petaled. A rich and luminous crimson.	.35
Cosmos Extra Early Double Crested—Just as beau- tiful if not more so than the late flowering varieties.	.50
Schling's Hybrid Senecio— Long dense sprays of lovely Pom-pom-Chrysan- themum-like flowers. A gem for cutting.	1.00
Siberian Wallflower—A great success last sea- son. Large clusters of bright orange-yellow bloss- oms. Very hardy.	.50
	\$ 9.65

of Mignon Dahlias  
thia lover can afford  
s them—See Offer C.



New Calliopsis Tom Thumb Dazzler  
that the name implies—Offer A.

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Demure or debonair—ready to  
mingle in the most aristocratic of  
floral society—they are just the  
right varieties to give that touch  
of distinction, individuality—and  
novelty to your garden that you  
aim to achieve in the rest of your  
home.

Every collection here offered is a necklace of gems  
"Of purest ray serene." Don't miss one of them if  
you can help it!

## OFFER A (\$11.70 value for \$9.00) Novelties of 1927—Absolutely New!

Aquilegia Long Spurred—Copper Queen—a lovely deep copper-colored Columbine with long spurs. Simply exquisite.	Pkt. \$ .75
Allwoodi Alpinus—Charming miniature carnation for the rock garden. Only 4 inches high. Per- petually in bloom.	1.00
Petunia New Dwarf—Only 8 inches high, with flowers as large as those of the giant California strain	.75
Viola, Jersey Gem—Everblooming hardy garden violets excelling the hot house variety in size and color. 8 to 10 inch stems. A perpetual delight.	.75
New Giant Hybrid Lupin—Queen of the West—soft primrose yellow, heavy flower spikes, shaded to delicate rose. Fragrant and continuous bloomer, 4 1/2 ft., hardy.	1.00
Annual Oriental Poppies—Huge red poppies with black spots—fully 6 inches across on 1 1/2 ft. stems	.25
Nemantirrhinum Grasshopper Erectum—Everblooming Nemesia Snapdragons—a unique new race— numerous flower spikes closely set with small snapdragon flowers in Nemesia shades.	.75
Hollyhock Delphinium—Wrexham's Hybrids—con- spicuous for its strong, broad spikes which grow to great length Hollyhocklike. A revelation to Delphinium lovers.	2.00
Scabiosa—New Giant Peach Blossom—flowers 3 1/2 inches across, long stems, delicate peach-blossom- pink.	.50
Scabiosa—New Giant Shasta—double white 3 1/2 inches across. Extremely long stems.	.50
Gypsophila Elegans Crispum Gem—New, bright crimson Baby's Breath—a welcome addition to existing varieties.	.50
New Sweet Pea, Superior Pink—Awarded silver medal at the International Flower Show. Brill- iant rose pink slightly shaded with salmon, heavily frilled, 2 1/2" across.	.35
Schling's New Giant Flowered Dwarf Pentstemon— will win the admiration of every flower lover. In lovely shades of pink, rose, cream, lavender, blue, etc. Blooms the first year from seed.	.75
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Centauria Macrocephala—rays of Gold. (Giant, hardy, sweet sultan). Beautiful deep Golden Yellow. Will bloom the first year from seed.	.50
Tall French Marigold, Josephine—Rich velvety brown with golden yellow border, long stems. Most decorative and fine cut flowers.	.25
Calliopsis Tom Thumb Dazzler—Only 12 inches high, covered with large flowers of a rich maroon red with broad, golden yellow border. Plants com- pletely covered with flowers.	.35
Celosia Spicata, Argentea Linearis, Candelabra or Spiked Celosia—New to American gardens, but an old favorite in Europe. Quaint peculiar flower spikes like thin tapering candles, rose pink at base, white at tips.	.25
	Total \$11.70

## OFFER F

Schling's Perpetual Summer Spinach—Another exclusive  
novelty, not obtainable elsewhere. A real Spinach that you  
can cut and recut and it will come and come again. A Big  
2 Ounce Packet for \$1.00. Will supply your table through-  
out the summer.

## OFFER H

The entire collection of all offers on this page, consisting of 76 items  
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I enclose \$..... Please send me Offer ☐ A ☐ B ☐ C ☐ D ☐ E ☐ F ☐ G ☐ H

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### Schling's Famous New American Snapdragons

12 wonderful varieties rival-  
ing the Gladiolus in size,  
height and vigor—Hardy  
and famous from the Yukon  
to the Gulf!



Indian Summer  
Offer D.

Indian Summer—A new color in snapdragons, entrancingly beautiful. A rich velvety copper-red.	Pkt. \$ 1.00
Golden West—A rich deep golden- yellow with rosy lilac throat	1.00
Pathfinder—Tender rose-pink, with yellow lip and pure white throat.	1.00
Yesemite—A splendid lilac-purple (Like the garden lilac)	1.00
Navajo—Pure delicate canary yellow self.	1.00
Seminole—Rosy lilac, with silky white throat.	1.00
Wyoming—Deep carmine pink, with golden yellow lip, wonderfully effective.	1.00
Narragansett—Delicate rosy lilac, overlaid with a silvery luster; rich golden yellow at center.	1.00
Tenega—(Sunset) Golden yellow (Autumn gold) changing toward the center to a bright terra cotta.	1.00
Shasta—Lovely pure white, with a fine yellow throat.	1.00
Massasoit—Brownish orange, with an undercurrent of copper	1.00
Miami—A delightful tender rose color.	1.00
	\$12.00

## OFFER E—Sunburst collection of Schling's Giant Dahlia-Zinnias in 12 distinct colors rivaling the Dahlias in size and beauty.

Exquisite—Tyrian Rose.	
Crimson Monarch—Best red, immense size.	
Giant Attraction—Brick Red (Spectrum red).	
Scarlet Flame—Beautiful bright red blended with orange.	
Meteor—Glowing deep red (Spinal Red).	
Oriole—Orange and gold, worthy of its namesake.	
Old Rose—Adequately described by its name.	
Dream—Deep lavender (Mallow Purple).	
Polar Bear—Very large pure white.	
Buttercup—Immense rich buttercup yellow.	
Golden State—Rich orange yellow (Cad- mium).	
Canary Bird—Delicate shade of primrose- yellow. Very large.	



Viola Jersey Gem  
Offer A.

The Collection—1 packet each  
of 12 colors—\$5.00. Any single  
packet 50c each.

## OFFER G—(A \$2.25 value for \$2.00)

Three Superb Vegetable Novelties  
that will intrigue the  
most capricious  
of palates.

The Delicious Italian Sprouting Broccoli—A new vegetable for American Gardens, now served in the better hotels. Has the combined flavor of Asparagus and Cauliflower.	\$ .50
French Hericort Vert—Stringless bush bean. So tender and delicious! So rich green in color! For first time success- fully introduced to American Gardens.	1.50
Zucchini—That delightful Italian Cucumber Squash. Well known to tourists as one of the chief gastronomic delights of North Italy—just introduced to the American Table by Schling.	.25
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**Sowrite Seed-  
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Sows Seeds at a Touch!



Insures uniform distribution of all fine  
seeds. Indispensable to the  
amateur gardener.

Each \$1.00



## McINTIRE-COLONIAL CARPENTRY

(Continued from page 162)

As to the source from which McIntire acquired his first ideas in designing, it is safe to say that, like every other carpenter and master-builder of Colonial times and later, he found English handbooks indispensable. Many American reprints, as well as English editions, of such things as the Swan and Halfpenny "Guides" and "Instructors" must have fallen into his hands at an early age. There was no dearth of this kind of material. And, in addition, Salem itself was well enough supplied with splendid houses of the mid-eighteenth Century and earlier, to spur its later workmen on to emulation. Then the influence of the Brothers Adam was pretty strong when McIntire was approaching his prime. All these things are noticeable in his work, naturally; but more than these is noticeable a crisp and fresh method of his own. He was by far the most original, just as he was the most skillful, of all the master-builders and wood-carvers.

Bentley tells of his unrivaled excellence in sculpture—meaning, of course, his wood-carving, which was just as much sculpture, in fact, as his housewrighting was architecture; and a special devotion to this branch of his profession is made apparent in his houses. Practically all of his houses are firm, foursquare, substantial edifices; ideal homes for wealthy merchants to retire into, and for ship captains when they are ready to forsake the sea and settle down on land. You will fail to find in their solid simple exteriors very much of the limpid grace you see in the earlier Georgian houses in the South, but when you examine the details of doors and windows and look at the paneling of the rooms, the mantels and the moldings, you begin to realize how much this man enjoyed his genius.

Such a doorway as that one in the living room at Oak Hill is a work of art in the finest sense. For all the

delicacy of detail it is as robust as a ripe and ruddy apple. The same might be said for everything that came from under his hand, for man seemed always unable to be an imitator, as were most of his runners and contemporaries. It was as though the brisk, salty air of the sea were a stimulant denied to nearly all his fellow craftsmen before or after.

Part of his success may have been in his enthusiasm for other things than those daily ones of his profession. From the same source quoted above we learn that "in music he had a taste, and tho' not presuming to be an original composer, he was a most judicious and most able selector of the best of the former's." He understood "all the instruments" used in Salem "and the best person to be employed in correcting any defects, or repeating them."

"He had a fine person, a manly appearance," according to Bentley, "calm countenance, great self-command and amiable temper. He was welcome but never intruded."

He did not have to wait for a humorous approval. He was fortunate in having been able to bask in the praise of his patrons and fellow craftsmen, who throughout his career in Salem were aware of his ability and of his value to the community. His loss was felt immediately. For a fitting end of Mr. Bentley's eulogy is written that "upon the death of McIntire no man is left to be consulted upon a new plan of execution beyond his bare practice."

NOTE—This is the second series of articles on our early architecture which Mr. Pratt is writing for the readers of *House & Garden*. In January he considered the book of house designs used by country carpenters of Colonial times. In a subsequent article he will write of the work done by Asher Benjamin and Minard LaFever.

## COLLECTING LITTLE BOXES

(Continued from page 113)

boxes. He had succeeded in picking up some thirteen hundred of them at Marseilles but heard that Girgenti produced some "which are very ugly—never go outside the city and its suburbs," hence their rarity.

"Dimitri," says the Princess, "has been a collector of all sorts of things; but the only kind of collection which can now interest him is a collection of match boxes. . . . Some of them gave us frightful trouble to find. For instance, we knew that at Naples boxes with Mazzini and Garibaldi portraits printed on them had been made and that the police had seized the plates from which the portraits had been made, casting the maker into prison." At last one of these was acquired. The Princess was denounced for buying it and he and the Princess were taken for conspirators. "All our baggage was searched; they could not find the box, because I had hidden it so well; but they found my jewels, and car-

ried them off. They have them now. The incident made quite a sensation and we were going to get arrested. But the king was displeased at it, and ordered them to leave us alone. Up to that time, I used to think I was very stupid to collect match boxes, but when I found that there were risks of losing liberty, and perhaps even life, by doing it, I began to have a taste for it. Now I am an absolute fanatic on the subject. We are going to Sweden next summer to complete our series. . . . Are we not, Dimitri?"

Now in Monsieur's *marchandises* I found no match box bearing the trait of Mazzini, no match box so fascinating by the portrait of Garibaldi, in fact no match box at all. I would have gladdened the heart of Prince Trépof or that would have been Madame Trépof to adventure. I did find, and bought for ten francs—no more was asked—

(Continued on page 166)

## HIGH QUALITY Seeds, Bulbs and Plants *produce High Quality Flowers and Vegetables*

IN presenting our Seed Annual for this season, we wish to emphasize the importance of quality in Seeds, Bulbs and Plants. As the initial cost of your seed is small when compared to the time and labor necessary to produce the flower or vegetable, *high quality* should be your only consideration.

From our beginning, thirty years ago, *high quality* has always been our aim—every care and attention has been given to secure seeds from the most reliable sources of supply and which, from our experience and tests at our trial grounds, have been found to be of the highest possible merit. We offer only those of superior strains and finest types.

Our 1927 Seed Annual, consisting of 180 pages and cover—including 20 pages of colored illustrations, lists and describes the finest strains of Flower and Vegetable Seeds, Grass Seeds, the newest and best in Dahlias, Gladioli and Roses, as well as other sundry garden needs.

Write for a copy today and kindly mention  
this publication.

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Farm and Testing Gardens—Farmingdale, L. I.



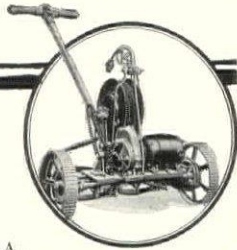


## ROLL EARLY FOR BEST RESULTS

SPRING'S just over the hill. Time to get busy with the lawn. An occasional gentle rolling will smooth out the turf and firmly bed the earth around grass roots, thus assuring a sturdy growth. Coldwell Model "L" Motor Lawn Mower (pictured above) operates as a roller separately, or in combination as roller and mower. One man and Model "L" can mow and roll simultaneously, 4 to 6 acres a day, on one gallon of gasoline. With detachable gang units machine's capacity is more than doubled. Absolutely dependable. Used with utmost satisfaction on estates, parks, clubs and school grounds etc.

Coldwell makes hand, horse, and motor lawn mowers. State what type you are interested in and we'll send booklet and name of dealer who will give you a demonstration.

**COLDWELL ELECTRIC LAWN MOWER** (pictured below) mows as it goes. Plugs in on garage or house light socket. Carries 150 ft. of cable. Write for booklet.



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DEPENDABLE LAWN MOWERS  
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## Dreer's For Gardens of Pleasure

ONE of the greatest pleasures imaginable is to go into the garden and pick Posies to your heart's content or to admire your flower beds and borders. To anticipate these pleasures is easily half the joy of gardening. There is one factor that is bound to contribute largely to both the anticipation and realization of your garden pleasures and that is

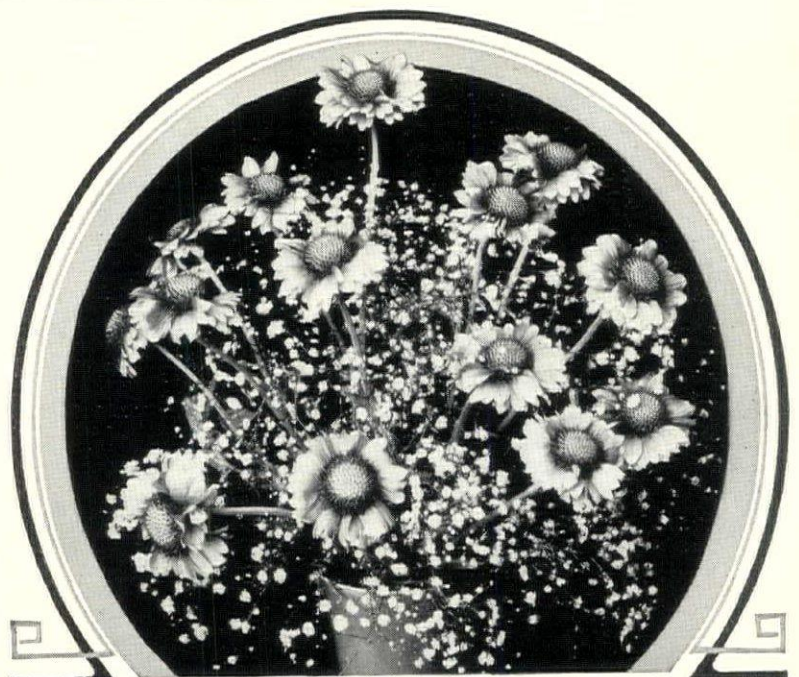
### The Dreer Garden Book for 1927

Whatever kind of flower garden you desire is put within your easy reach through the merchandise offered by our printed salesman. Cultural directions written especially for the Dreer Garden Book by experts in floriculture will help you to be a successful flower gardener. The Seeds, Bulbs and Plants we offer, produced by the world's foremost specialists, will surely help you materialize most any garden de-

sires and ambitions.

The Dreer Garden Book holds 224 pages of garden advice, is fully illustrated from photographs and is really a sort of clearing house for ideas on better gardens of all kinds. Yours free for the asking, and please mention this publication.

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1306 Spring Garden Street Philadelphia, Pa.



### Gypsophila, "Bristol Fairy" A New Perennial

How the boldness of the Gaillardias is softened and made graceful by the veil-like mist of this new Bristol Fairy!

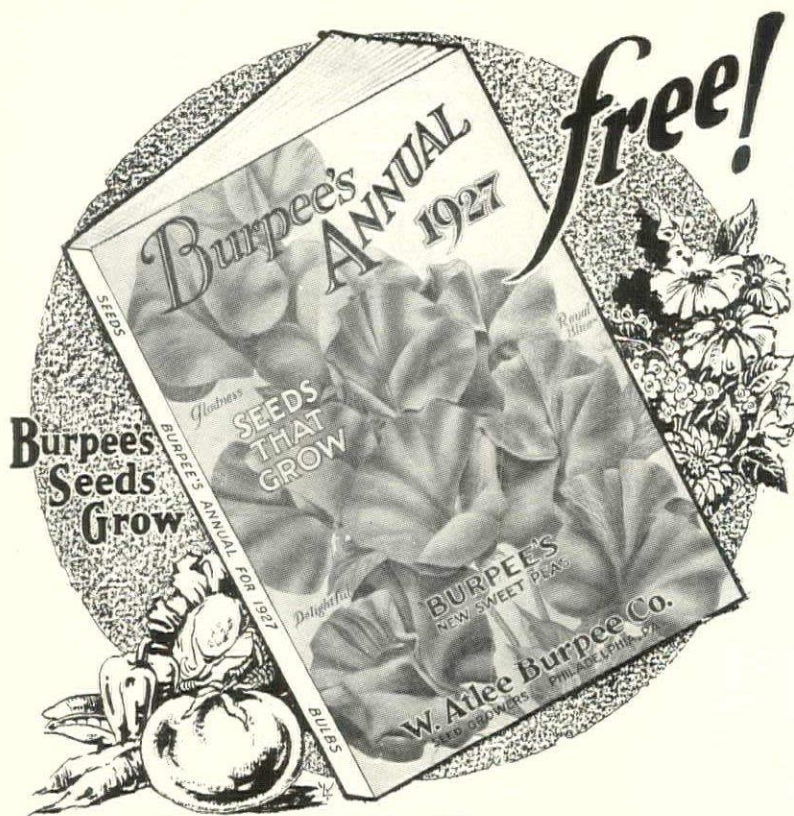
Whiter than the common perennial Baby's-Breath, larger, but not too large, Bristol Fairy is the ideal harmonizer for cut-flower arrangements of all kinds. It grows as easily as the old, small-flowered Gypsophila; it blooms all summer, and is hardy.

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## COLLECTING LITTLE BOXES

(Continued from page 164)

an old but artistic snuff box of *piqué*, bearing the simple initials "F. A. H." This gave me a bit of a thrill, and why? I will tell you:

In his autobiography Hector Berlioz tells of his quarrel with the musician, François Antoine Habeneck, a celebrated orchestral conductor in his day. Berlioz declared he did not know how it all started, except that Habeneck began hostilities by rudely refusing to conduct when one of Berlioz's works was to be played. Some time after, when Berlioz's *Requiem* was to be performed at the Maréchal Darnéville's ceremony, Berlioz was sent for by the Director of the Fine Arts who requested, to Berlioz's surprise, that Habeneck be allowed to conduct on this occasion. Berlioz seems then to have imagined this a conciliatory step; at any rate he consented, with the proviso that he be allowed to conduct the orchestra at one full rehearsal. At this, things went satisfactorily enough. The day arrived and the Church of the Invalides was filled with princes, peers, deputies of the press and foreign correspondents. Berlioz tells us that great success was essential, a moderate one would have been fatal, and a failure would have annihilated him. The music was particularly difficult for the orchestra to follow, and needed careful conducting, particularly where there came a change of *tempo*.

"It is obvious," wrote Berlioz, "that it is of the greatest importance that the four beats of the new *tempo* should be distinctly marked, or else the terrible explosion, which I had so carefully prepared with the combinations and proportion never attempted before or since, and which, rightly performed, gives such a picture of the last judgment as I believe is destined to live, would be a mere, enormous and hideous confusion."

Berlioz had taken up his position near Habeneck. Just when the orchestra reached the bar where the conductor's guidance is absolutely indispensable, Habeneck put down his baton, quietly took out his snuff box, and proceeded to take a pinch of snuff! Instantly springing forward, Berlioz picked up the baton laid down by Habeneck, stretched out his arm, marked the four great beats of the new movement and the orchestra responded, thus saving the day and the reputation of Berlioz as well.

### A CRITICAL MOMENT

"I conducted the piece to the end," said Berlioz, "and the effect which I had longed for was produced. When, at the last words of the chorus, Habeneck saw that the *Tuba mirum* was saved, he said, 'What a cold perspiration I have been in! Without you we should have been lost.' 'Yes, I know,' I answered, looking fixedly at him. I did not add another word. . . . Had he done it on purpose? . . . Could it be possible that this man had dared to join my enemy, the Director, and Cherubini's friends, in plotting and attempting such rascality? I don't wish to believe it . . . but I cannot doubt it. God forgive me if I am doing the man injustice."

"F. A. H."—those were initials on my snuff box; do you wonder that it set the imagination to work? Do you wonder that I begrudge the ten francs, we have stopped to bargain had a hundred? Perhaps it is a question only—I shall never know there is the snuff box, and the story.

### INSPIRED MEMORIES

I never see an old sword, a terious-looking old sword that not wonder what its pommel is, not, perchance, conceal in the a tiny box. That is from reading this entry in Evelyn's written the second of January while he was in France:

"I went to one, Marc Antoinette, an incomparable artist in enamelling. He told us great stories of a Jeweller who had the greatest Art. . . . He also affirm'd, that he Goldsmith's shop in Amsterdam, a person of very low stature and desir'd the goldsmith to him a pound of lead, which unscrewed the pommel of his and taking out of a little box a quantity of powder, casting a crucible, pour'd an ingot out when cold, he took up saying you will be paid for your lead crucible, and so went out immediately. When he was gone the goldsmith 4 ounces of good gold in it, but never set eye againe on the little tho' he sought all the City for it. This Antonio asserted with great testation, nor know I what truth it, there are so many impostors, people who love to tell strange as this artist did, who had a great rover, and spake ten languages." But "*les beaux ma cassette*," as Molière has never been able to spy out this particular historic weapon.

But there were still other little boxes in the stalls of Montmartre, the oblong and square boxes of the early period of Louis XIV—ones were later, boxes with the drop hinge and curved connection on the inside of the lid, typical of the little boxes of this period, boxes of the Louis XV period, their decoration from classic motifs—Corydon and *Fêtes-champêtre* showing the interior of Watteau and Lancret on the inside of a Louis XVI snuff box in *Vernon*, almost as interesting as the one in the Wallace Collection, which was formerly in the collection of the Empress Eugénie, with such trinkets; portrait boxes, several which, to judge from the designs, had been *gagés d'amour*, of course there were little boxes of comfits, *dragées*.

At the Caledonian Market in London one finds first-class antiques of worth and great interest, and here ordinary bargains may be picked up. It is a favorite hunting-ground of mine, and I do not fear to tell others to treasure-trove as the more worthless, antiques-bent, the more antiques.

(Continued on page 170)





## Rare Plants from Foreign Lands

Many rare plants in Hicks Nurseries were brought to America by explorers who ransacked far-away China, the mountains of Asia, and the gardens of Europe

Spring you may wish to discard some old varieties in favor of the newer plants. Hicks Nurseries have a great collection of unusual plants that will be a distinct addition to your garden.

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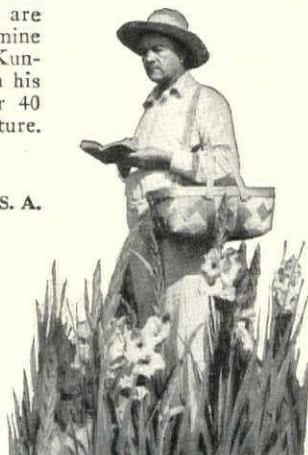
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It's simple to do.

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Here's something that's decidedly worth your writing for further facts and figures on.

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Greensboro  
N. Carolina  
St. Catharines  
Ontario, Can.

## GAS SYSTEM OF REFRIGERATION

(Continued from page 80)

Because this system of refrigeration requires no valves or machinery that obstructs or opens up the pipes, if pressure is reduced in one place in the system, such as the boiler, the pressure is equally reduced all through the apparatus. Now then, the pressure is reduced on the surface of the ammonia in the evaporator, and the ammonia gets excited and boils, because ammonia boils at about zero° F. under the pressure now in the machinery. And because it does get excited and boils at a very low temperature, as we said before, is the reason that it is used. Not only does it boil, but it tends to expand to 1,000 times its volume. So as it boils it gets expansive and this habit is its method of turning into gas and this gas instead of wasting itself absorbs from the refrigeration the heat units through the walls of the evaporator and is carried back into the weak solution in the boiler re-absorbed, ready to start again on its Dr. Jekylling and Mr. Hyding—from liquid ammonia to ammonia gas to liquid ammonia, over and over again.

The gas refrigerator machinery is hermetically sealed so there is no loss of ammonia through leakage in the process, which of course is a saving, because ammonia is expensive. This ammonia will remain in good condition indefinitely, circling around and around in its useful journeyings.

The journeying or cycling takes from about five to fifteen hours for the average household refrigerator, but depends on the plant or size.

The same primary requirements for a refrigerator are as necessary here as for an electric or an iced refrigerator. The case must be of excellent manufacture and the doors and all parts fitted closely, while the interior should be smooth and easy to clean and the wall and door insulation as perfect as possible. If any refrigerator cases could be made so well insulated that they absorbed no heat from the room, there would be no reason for operating the machine after once cooling the box, for the ice chest would remain cool except for the fact that food contains heat that must be subtracted in order to keep it in good condition. But it is easy to see that every time you open the door of the refrigerator, heat enters, and it is almost impossible to make a chest that will not absorb heat from the outside somehow.

### ADVANTAGES GAINED

However, very little gas is used. It costs possibly less than a plate of ice cream per day, depending on your gas rate. But the most valued thing about the continuous gas operating process is that there are no moving parts to be oiled, to get out of order or to make a noise. It is absolutely noiseless and simple to maintain, for there are no valves to become ill or to shift and the machinery is auto-maintaining.

The heated parts are water cooled in the gas fired refrigerator. Usually we find both water cooling and air cooling in electric refrigerators. However, air cooling is used where there is

no tremendous cooling necessary. Water cooling where you get maximum efficiency out of the machine. Air cooling is very common in electric refrigeration for that such machines have electricity to drive the fans which increase ability to cool, and especially do this in warm weather. A gas fired refrigerator has no moving parts and, therefore, water is used because of its great power of absorbing heat.

### WATER COOLING

You may be informed by many refrigerator salesmen, who sell the gas fired refrigerator, which is air cooled. The gas refrigerator uses an extremely large amount of cooling water. This is not the case, for if you examine the gas fired refrigerator you will see that the water passes through in drops, and the cost of water according to taxes in your district is never more than five cents (often far less) and apartment owners would have no water tax, or places.

As to the cases themselves, the makers at present are building excellent ones finished beautifully. They measure up to all refrigerator case requirements.

Now for the continuous gas machine which is practically new in this country, although it has been used for several years abroad.

In this as in the other type is the generator tank which heats water and ammonia before it enters the tour. Then there are the condenser and the evaporator, or the unit inside the refrigerator itself. The gas appears as flame under the evaporator which heats the ammonia water, driving the ammonia through the water. Thus gas is forced passed into the condenser where it is liquefied as pure ammonia, leaving water behind in the generator. The ammonia flows by gravity through the evaporator, or cooling coil of the refrigerator, where it comes in contact with an atmosphere of oxygen which causes it to evaporate, the same as air has caused the water to evaporate on your hand and produce a cooling effect. These two gases then flow by gravity back to the absorber where the ammonia is absorbed by water coming from the bottom of the generator, releasing hydrogen which will flow in back to the evaporator.

The liquid ammonia will flow to the bottom of the absorber back to the generator where it is heated and passes through the same cycle over and over, giving continuous refrigeration and allowing the temperature of the refrigerator to be constantly maintained.

The gas refrigerator industry is young and very few gas refrigerators are now on the market. They are being tried out, however, and a machine employing compressed gas for domestic use. However, the use of other refrigeration devices is being enlarged with new technical additions, so let this be

(Continued on page 17)





## GEMS from TREASURE ISLAND Of the Floral Kingdom

**NEMESIA, Blue Gem, Annual, 9 inches high, blooms all summer. Blue as the Alpine Gentians. For your rose beds, edging, borders. Forms a carpet of soft azure blue. Per packet 50 cts.**

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try Harris' new **Extra Early Bantam** sweet corn. Two weeks earlier than Golden Bantam.

Lots of other good things of our own introduction are described in our new Catalog, illustrated in color. It will pay you to ask for it today as we gladly send it free on request.

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## This gorgeous "Silver Columbia" rose brings beauty to your garden

This new rose, the "Silver Columbia," is gaining widespread popularity, with rose lovers everywhere. It is a magnificent Hybrid tea rose of a beautiful clear shade of silver pink, deepening toward the center. Its great stout stems with dark green foliage are covered with masses of enchanting blooms the entire growing season. Fragrant as an American Beauty. Awarded Silver Medal by the American Rose Society.

Price 50c each for first size plants, postpaid; \$1.50 for two-year-old plants, by express collect. All on own roots. Safe delivery guaranteed. Our

### "New Guide to Rose Culture"

is a splendid new book, sent free on request, giving full instructions on planting and raising roses. Every lover of roses should have it. It embodies 77 years' expert experience in rose growing. Lists over 500 roses, seeds and plants. Profusely illustrated with many colored pages showing choice roses in natural colors. Contains special offer of 8 rose plants for \$1. Send no money. Simply write for your copy.

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Mixed colors only. A group of ten will supply a good assortment of color.

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is a handbook of hardy plants—Iris, Phlox, Delphiniums, Aquilegias, Anemones, Chrysanthemums, and others—with a select list of French Hybrid Lilacs. A copy will be sent to customers without further notice—to others we shall be glad to send a copy on request.

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**Y**OUR garden can blossom this Spring with Mary Pickford's own choice of sweet peas—a new variety grown in her own garden. Because this famous star wears them at formal functions they are named after her—The Mary Pickford Sweet Pea. And we offer you a package this year free—without charge or obligation!

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*Send coupon today and receive these Mary Pickford Sweet Peas. They are our gift to you—our proof of Germain quality. You'll be rewarded when they bloom this spring. You'll find new delight in each bursting blossom. Do it now, before you turn the page!*

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Please send me one packet of Mary Pickford Sweet Peas and your 1927 California Catalogue without charge.

Name .....

Street .....

City ..... State .....



## GAS SYSTEM OF REFRIGERATION

(Continued from page 168)

you from purchase when purchase is possible.

In summing up the gas refrigerator's salient points:

1. It has no moving parts, which is the chief benefit, for on this hang the facts that:  
Servicing is decreased.  
The hazard of escaping refrigerants is obviated.  
The cost of replacing used parts does not occur.  
There is absolutely no noise.
2. Reduces the cost of refrigeration.
3. Keeps a constant low temperature, automatically.
4. It can be placed in the dining alcove, for it can be seen and not heard.
5. Obviates buying new refrigerants for years.
6. Obviates oiling of moving parts, for there are none.
7. Banishes discomforting drains which must needs be cleaned, when present.
8. Operates by gas at about 3 to 9 cents a day, depending on the local gas rate.
9. Obviates, of course, the uncertainties of ice delivery.
10. And embraces the good points of all other refrigerators.

In any discussion of refrigeration, whether by ice, gas or electricity, it is wise to remember that however effective the refrigeration may be, however much ice you use, however good may be the electric or gas mechanisms, you will not have good refrigeration unless you have certain things inherently present in the re-

frigeration process. Among the fundamentals then are the following considerations:

1. Should you have a good machine for ice making in a good refrigerator and do not close doors and use reasonable care, are going to have refrigeration that is more expensive than bargained for. This applies to the "iced" types.
2. Study the gas service in your location, as to cost and maintenance. It may be more or less expensive for you than electricity, according to gas and electric rates in your district and to the efficiency of the different machines and your usage of them.
3. Buy only that gas refrigerator which seems fool-proof and has guaranty from a firm in which you have reason to trust. The course, applies to the buying of home appliances.
4. See to it that the gas part of the machine has all the safeguards that have been added to all other machines.
5. Remember that the refrigerator requires no more attention than other mechanical device. A mechanical device need some even the typewriter and clothes lighter.

Thus, the gas refrigerator provides comfortable, safe, hygienic refrigeration, making home ice production healthful, comfortable, easy, safe, annoying, convenient and economical. And another phenomenon is bound to reduce housekeeping drudgery.

## COLLECTING LITTLE BOXES

(Continued from page 166)

genuine ones—find their way thither to whet the appetite, regale the seeker and reward the discriminating. Here, too, have I found little boxes—snuff boxes, patch boxes, bon-bon boxes, card boxes, stamp boxes, little boxes from the time of the Charleses through the Victorian Period to the Quinto-Georgian. Here I found a tiny stamp box—not so very antique, 1840—bearing a portrait of Sir Rowland Hill, "Father of Penny Postage," and the next Friday—Friday is Antiques Day at the Caledonian (it was the thirteenth of the month, too!) I had the good fortune to pick up another rare tiny stamp box, this one of wood mosaic, old Tunbridge Wells make, having for its decoration a representation of the world's first postage stamp, the famous "Penny Black" issued in 1840, and bearing the profile of the youthful Queen Victoria.

There are always interesting snuff boxes to be picked up in the antique shops of England, and of course they also find their way into the American shops. After the year 1702, the year of the Battle of Vigo Bay, when Sir George Rooke, the English Commander, returned with several thousand barrels of the finest snuff as

booty, snuff-taking became everywhere popular in England and the demand for snuff boxes was immediate. First these were rather large and after a time were replaced by smaller portations from the Netherlands. Boxes of brass, copper, etc.—was not long before these, in turn, gave place to the smaller boxes of French pattern.

One little patch box which I found in the Caledonian Market had clinging to it one of the old patches of black court-plaster. I found it, but too late: one so agile, less sensitive than myself, the ungentle type of the gentleman pounced upon it, fairly tearing from my hand and, fortified by information as to its price, which question elicited from the stall-swooped away with it, nor for her change, it seems. Who it might have been the very patch used by Mrs. Samuel Pepys; I suppose she had one as the *Diary* says: "My wife seemed pretty today, it being the first time I had given her lief to wear a patch." Still, being only human, I hope it was not Mrs. Pepys's box.





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It costs only  
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Assures uniform distribution of the finest seeds, enabling the amateur to sow with the skill of the professional. Indispensable for healthy, sturdy plants.



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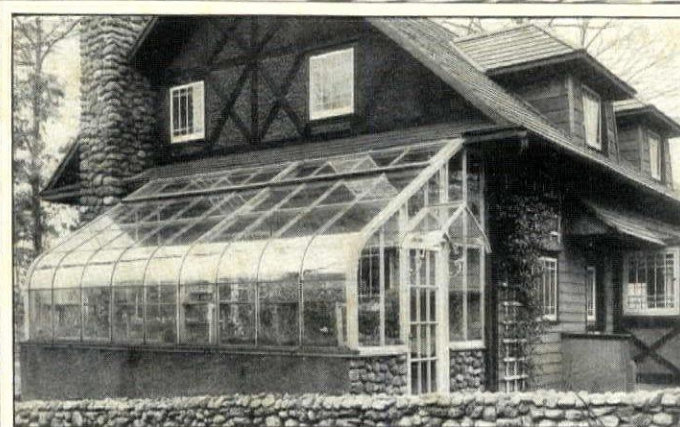
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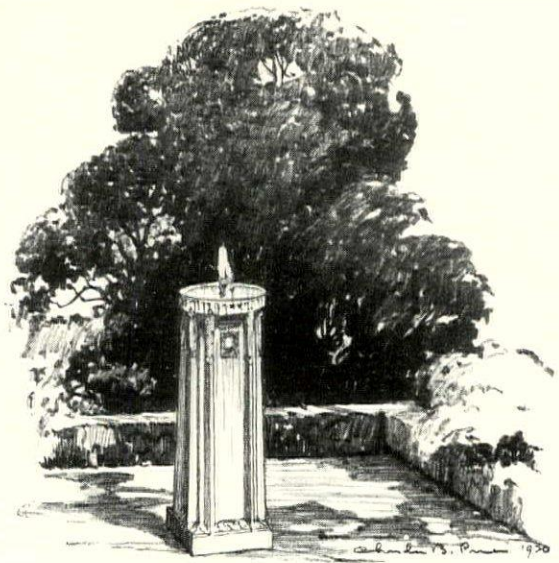
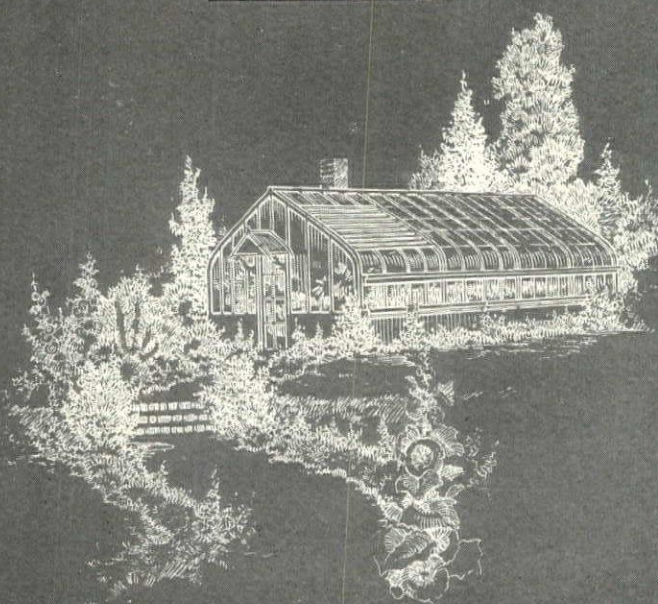
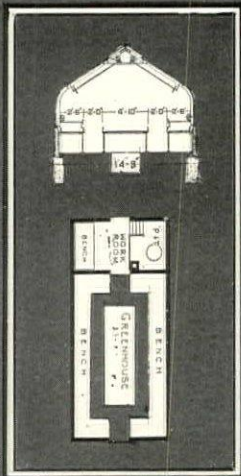
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*In any town park one or more of these simple drinking fountains are required. This can be executed in cast or cut stone and would have a bronze rim*

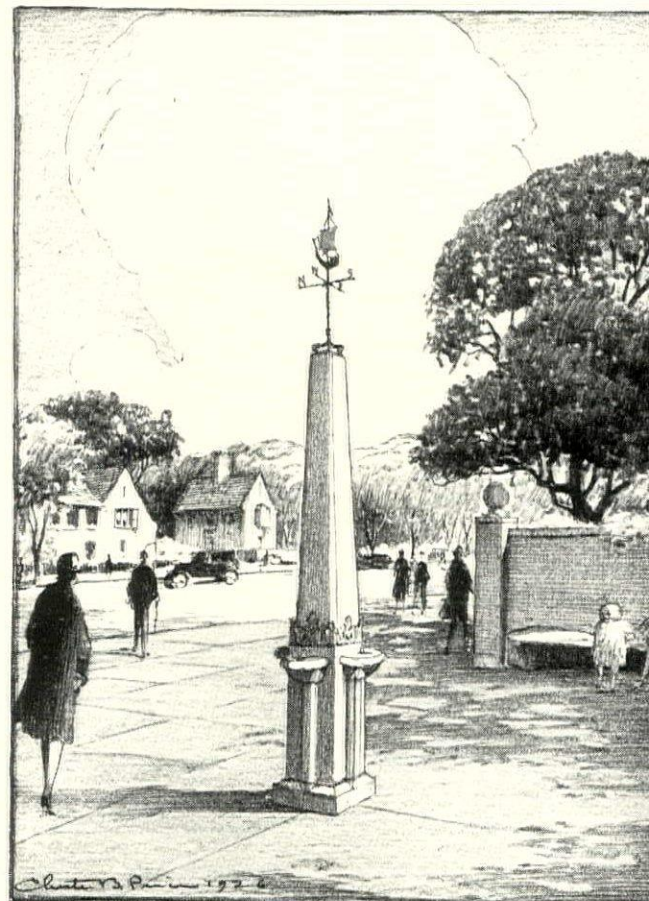
## FOR TOWN BETTERMENT

(Continued from page 114)

ing no particular setting. The square shaft, with its vertical ribs, should be cut from a single piece of stone and bored through the center for the inlet and overflow pipes. The decorations under the stone bowl and the little medallions on the four faces should be of cast bronze, the same material as the fittings in the bowl. If economy requires, the whole thing (excepting the fittings, of course) could be made of cast-stone, though this would be a

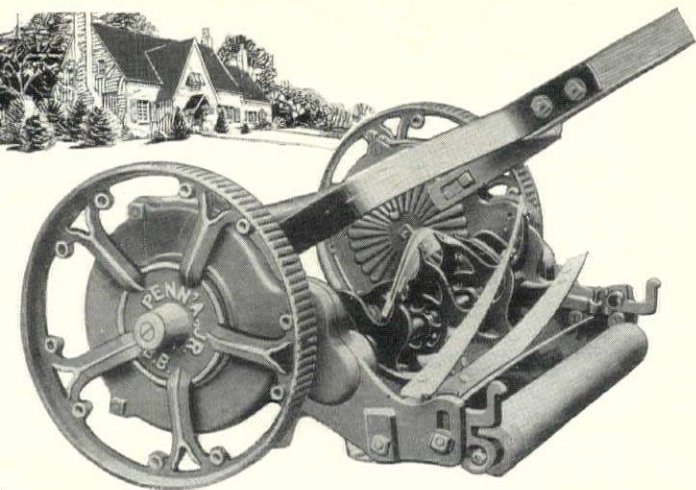
not very excellent compromise. Two other single-bowl fountains (but of an entirely different type from the foregoing) are shown. One is a wall fountain, designed for use on a shop-front, only for the convenience and decoration it affords, but of no great value as an advertisement. The other is designed for a park or for a public building where

(Continued on page 173)



*An obelisk shape is adopted for this fountain designed to mark the entrance to a little park or the grounds of a public building. It has four jets and is surmounted by a bronze weather-vane*





When you do want a *good* lawn mower that will really last, ask for it by name -- any Pennsylvania Quality brand - and be sure of it by seeing the Staytite Handle ~ ~

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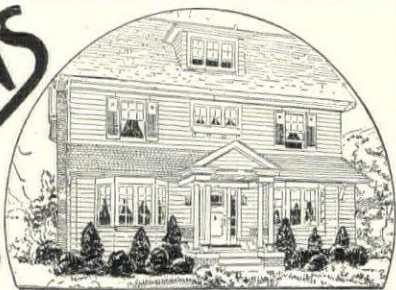
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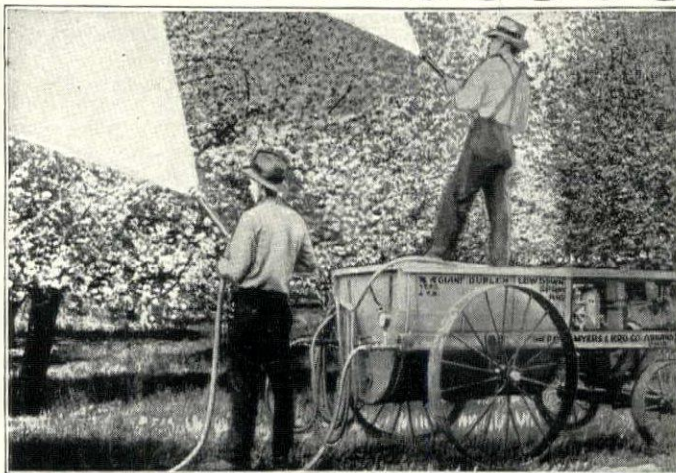
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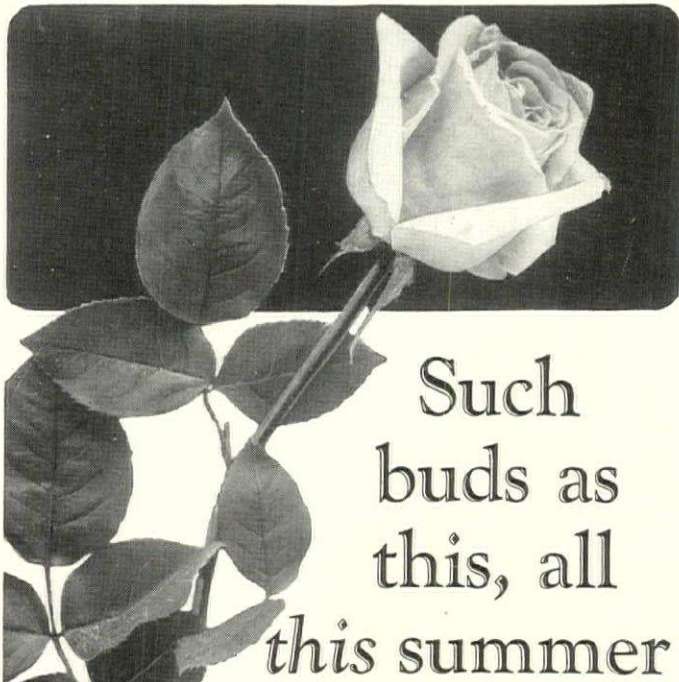
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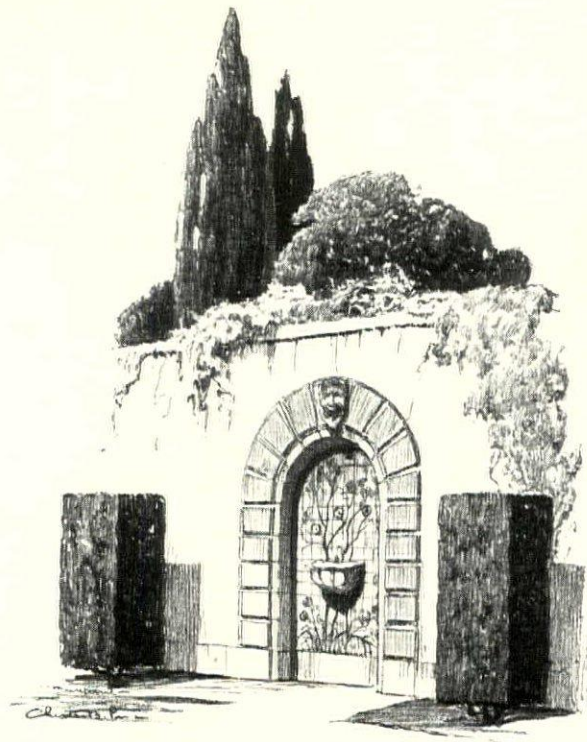
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A wall drinking fountain for a park or public building. The shallow panel would be faced with colorful tiles and surrounded by cut stone in a rather monumental fashion

## FOR TOWN BETTERMENT

(Continued from page 172)

have a certain architectural importance. Both fountains occupy shallow arched panels, one simply executed and the other treated in a rather monumental fashion.

The fourth fountain combines a drinking bowl and a water supply for automobile radiators. It takes the form of a slightly tapering shaft and could be most effectively executed in polished black marble with gilt bronze bowl and fittings, and should be surmounted, as shown, with bronze sculpture.

One of the most important places for drinking fountains is in playgrounds, and as there is every reason why they should add to the attractiveness of the scene, and no reason at all why they should, as customarily, be regarded as a necessary evil, a play-

ground fountain is offered as the special designs in this group is planned to occupy the center fairly small and shaded space, really a raised square pool, central shaft holding a piece of sculpture and serving as the source of jets that spout from each side of a large basin. On each side of the drinking bowl. The coping of the fountain is laid in flat green tiles. The fountain is set on a stone pedestal flush with the ground so that it will not soften the surrounding

The last design has an obelisk shape. It is designed to emphasize means of its tall, slender form to a park or the grounds of a public building. At its peak it is as ornament a bronze weather-

EDITOR'S NOTE.—In the Town Betterment Series the following subjects have been considered. Those that are starred are accompanied by original designs for buildings, etc., of which working drawings may be obtained at the nominal price of \$1 per set. Apply to the Town Betterment Editor, House & Garden, 19 West 44th Street, New York City.

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These problems are far easier to solve if the flats or pans in which the seeds are sown are kept covered with quite tight-fitting panes of glass. In this way evaporation is minimized and the condition of the soil stabilized as regards both moisture and temperature. The covers, of course, must be partially removed as soon as the seedlings appear, so as to give the little plants fresh air. In this connection it is advisable to let each flat contain only seeds that have approximately similar periods of germination, so that the treatment given shall satisfy all of them.

FOR FINE SWEET PEAS

SWEET PEAS can hardly be started too early in the season, for much of their success depends upon their making strong root growth while the weather is still cool and reaching flowering size before the advent of settled hot, dry days. In this situation is found the reason for the fall planting of seeds which is practiced along the Atlantic seaboard south of Philadelphia, and the advice to growers farther north to get Sweet Pea seeds in just as soon as the ground can be worked in the spring.

Where only a limited number of plants is to be grown in a northern garden it is an excellent idea to give them a particularly early start by sowing the seeds in groups of two or three in paper pots late in February or in early March, and keeping them in a

(Continued on page 177)



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Crimson King. Deep crimson-scarlet.  
Cerule Queen. Cerise scarlet. A wonderful color.  
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Orange King. Rich orange-red.  
Purity. A clean pure white.  
Rose Queen. Bright rose with deep rose-red center.  
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Mixed Colors, 1/2 oz. 30c. Packet 15c.

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## PINK IN THE ROCK GARD

(Continued from page 126)

with deeper pink blossoms.

*Androsace chumbyi*: Easy and satisfactory.

*Androsace lanuginosa*: A charming trailer.

*Androsace primuloides*.

*Androsace sarmentosa*.

*Androsace sempervivioides*: To be cherished.

*Antennaria dioica rosea*: A good gray-leaved cover plant.

*Arabis albida rosea*: An early-flowering blessing.

*Arabis aubrietiioides*: Very attractive and compact. Likes shelter.

*Arabis rosea*: A biennial of little importance.

*Armeria alpina*: Easy and useful.

*Armeria caespitosa*: An undoubted treasure.

*Armeria juncea (setacea)*: Compact mat and bright rose-pink blossoms.

*Armeria maritima*: The little friendly common Thrift.

*Armeria plantaginea*: Very brilliant.

*Asperula cyananchica*: A mass of fine green threads and tiny pink blossoms.

*Asperula hirta*: A small treasure for a choice situation.

*Aubrietia* Bridesmaid: Has pale blush flowers.

*Bellium minutum*: A tiny pinkish Daisy from Greece.

*Claytonia virginica*: Spring beauty.

*Cypripedium acaule*: Pink Lady-slipper.

*Convolvulus incana*: Clusters of gray velvet leaves and pink vases. 4 inches.

*Daphne cneorum*: Pink-flowered bushing for half shade and wood-soil.

*Dianthus alpinus*: All the rock garden pinks are delightful.

*Dianthus caesius*.

*Dianthus deltoideus*.

*Dianthus neglectus*.

*Dianthus silvestris*.

*Dicentra formosa*: Pendent hearts and fern-like foliage.

*Dicentra eximia*: A more luxuriant plant from the West.

*Epimedium roseum*: A graceful shade-lover.

*Erinus alpinus*: A nice little plant but not over-hardy. Shelter.

*Epigaea repens*: The Trailing Arbutus.

*Erythronium hartwegi*: Mauve-pink Troutlily. Very good and lusty.

*Erythronium revolutum johnsoni*.

*Erythronium revolutum* Pink Beauty.

*Erodium macradenum*: Pale pink with a dark blotch.

*Erodium romanum*.

*Erodium suprecanum*.

*Geranium argenteum*: most lovely.

*Geranium cinereum*.

*Geranium sanguineum lancastricense*: The best to begin with.

*Gypsophila repens rosea*: Blush-flowered trailer.

*Gypsophila fratisensis*: The best of the prostrate Chalkplants.

*Gypsophila muralis*: A small annual making a rosy cloud.

*Helianthemum amabile*: Neat, hoary with rose-pink blossoms.

*Helianthemum rhodanthemum carn*  
*Helianthemum Lissadel* Seed Charming.

*Helianthemum* Rose Queen.

*Helleborus altifolia*: Pink-fl

Christmas Rose.

*Hepatica triloba*: Pink form

be selected when in bloom.

*Lewisia leeana*: See illustrat

*Lewisia howelli*: Handsome

leaves, pink flowers.

*Lewisia rediviva*: shining

flowers of "reat beaut" Deci

*Lewisia tweedyi*: Largest an

beautiful of the group.

*Lychnis alpina*: A tiny tu

magenterish blossoms.

*Lychnis dioica*: A biennia

sower. Pretty if you have room

*Lychnis legascae*: Gay and

tive but unreliable. Easy from

*Lychnis viscaria*: An old

magenterish but kindly.

*Myosotis*: Pink forms of s

and Victoria. Charmingly dai

*Papaver nudicaule* Pearls of

Lovely and diaphanous.

*Phlox amoena*: Easy and use

*Phlox pilosa splendens*: Bri

not choice.

*Phlox subulata* Vivid: One

best pink-flowering plants.

*Primula cortusoides*: Mag

but delightful.

*Primula farinosa*: Lovely

dampish spot.

*Primula frondosa*: Much

but not so fine a color.

*Primula rosea*: For a dam

Startling rose-pink.

*Saponaria ocymoides*: An

liable trailer.

*Saxifraga aizoon rosea*: S

rosettes and pink blossoms.

*Saxifraga dicipiens*: Guilfor

ling: A "mossy" with shell-pin

ers.

*Saxifraga rhei superba*: A

pink-flowered mossy Saxifrage.

*Sedum pilosum*: A biennial of

beauty. Easily raised from se

*Sedum sieboldi*: One of the

flowers to grace the rock gar

*Silene acaulis*.

*Silene hookeri*: Lovely Cal

mountain plant.

*Silene schafta*: Late-floweri

easy.

*Scilla campanulata* Rosalind.

*Scilla nutans (festalis)* Blush

*Toxensandia escarpa*: A ch

but elusive Westerner.

*Trillium cernuum*.

*Trillium stylosum*.

*Tulipa clusiana*: The Lady

A warm, protected situation.

*Tulipa kaufmanniana*: Brill

the spring garden.

*Tulipa saxatilis*: Rare and

*Tunica saxifraga*: A spry

plant for every garden.

*Veronica pectinata rosea*: A

carpet for small bulbs.

*Viola arenaria rosea*: Mage

but beguiling.

*Viola bosniaca*: One of the fir

its race. Probably biennial.

*Viola cornuta rosea*: Easy an

*Zephyranthes carinata*.

*Zephyranthes rosea*.







# Maloney

Trees, Shrubs, Roses,  
Ornamentals, Berries, Vines

the choicest varieties are described and what, how and when to plant told in the Maloney Free Nursery Book illustrated in color.

and for this book and see how intensive it is to increase the beauty value of your home, how easy it is to do your own planting. Our landscape service will aid you.

grow our stock in our own upland Nurseries. For over 40 years we have been building up our extensive Nursery business by delivering the best quality stock; grown, and shipped under our personal supervision. We sell direct from our acre Nursery and that is why Maloney's customers get better stock at such exceptionally low prices.

Send For Free Catalog

the satisfaction of doing your own planting. Remember everything you order is actively guaranteed in every way and you have your money back if not satisfied. Large or small orders receive the same careful attention.

Maloney Bros. Nursery Co., Inc.  
7 Main Street, Dansville, N. Y.  
Established over 40 years

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Nursery Book Free

# New Quality Fruits

## For Home Gardens!

as described in Fraser's TREE BOOK. Apples on standard and dwarf stocks; trees on Paradise roots so small they will grow in a tub and bear fruit! Real novelties for any garden. Priced at \$2 upward.

luscious raspberries; rich, juicy pears; superb nuts, and other good things, all of the best

SAMUEL FRASER'S

# American Fruits"

one of the most complete treatises on fruit growing ever written. 916 pages. Price \$4.75.



## Fraser's McIntosh Apples

0 apples, 2 3/4 inches, boxed, \$7  
00 apples, 2 1/2 inches, boxed, \$5  
the best flavored apple in the world; order a box today.

Send for a copy of Fraser's TREE BOOK so that you can include the best fruits in your 1927 garden.

SAMUEL FRASER NURSERY  
INCORPORATED  
MAIN STREET, GENESEO, N. Y.

# THE GARDENER'S SCRAP BOOK

(Continued from page 175)

moderately warm and light room. By the time the young plants are a couple of inches high the weaker ones in each pot should be nipped off and sole possession given to the strong survivor. In rich, light soil each seedling should be a sturdy young plant by the time the weather is sufficiently settled to set it out in the garden. When this time comes do not remove the pot. Set the whole thing in the ground as it is, thus avoiding root disturbance or any other setback. The paper of the pots will disintegrate and in no sense interfere with the plants' development.

## INSECT PESTS IN WINTER

IT is a fact not generally appreciated by beginning gardeners that the various types of insect life, injurious as well as harmless, live through even the most severe winter weather. In the form of eggs, larvae, or hibernating adults these creatures survive temperatures and exposure that would kill a human being, and with the return of warmer weather they again pick up their life cycle and carry on to the next allotted stage.

What special physiological provisions of Nature make possible this continuation of the species need not be discussed here, for they would lead very far afield and into extremely deep water. The real point at issue is that such conditions do exist and thereby lead to repetition of the trouble that this or that insect pest brought to our flower or vegetable gardens last season. Do not think that a mere few months of freezing weather will annihilate the marauders; they're only biding their time, and unless definite steps are taken they may return in full force at the critical time.

Complete preventive measures are more or less a year-round program. Spraying or powdering with poison when the adult insects are about, checking their egg-laying activities and destroying

(Continued on page 178)



# HARDY AZALEAS

## A Joy—Always!

Home owners who plant Azaleas enjoy a perpetual satisfaction and thank their "lucky stars" year after year for their good judgment. Here are a few from our 1927 Catalog

### HARDY AZALEAS

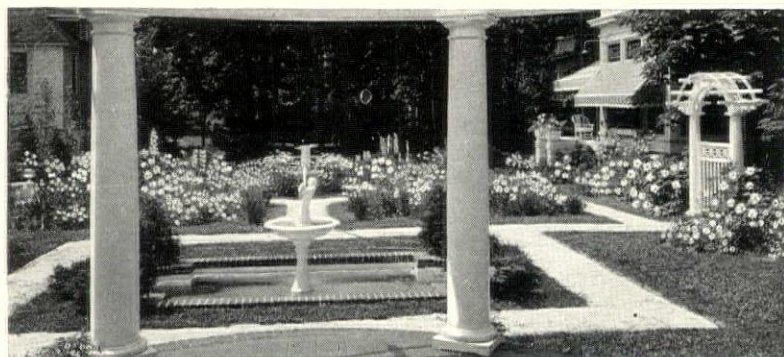
**Azalea mollis**, (Japanese Azalea) bears large flowers in clusters in the early Spring. Hardy. Various colors.  
**Azalea ledifolia**. Very fragrant, large, white flowers, early in May.  
**Azalea arborescens**, (Sweet Azalea) Fragrant white flowers in June.  
**Azalea calendulacea**, (Flame Azalea) Brilliant orange, red and yellow flowers in May and June.  
**Azalea nudiflora**. Showy pink flowers in May.  
**Azalea rosea**. Deep pink, deliciously fragrant flowers in May.  
**Azalea viscosa**. Fragrant white flowers, tinged with rose, June or July.  
Price of all the above \$2.00 each. Strong, hardy plants. Order now. Shipment at planting time.

### 600 Acres in Our Nurseries

Evergreen Trees and Shrubs of all kinds. Ornamental Trees, Flowering Trees and Shrubs, Fruit Trees, Hedge Plants, Vines, Roses, Perennials, Peonies, Iris, Delphiniums, etc.

Only Strong, well-grown, hardy stock that is certain to give satisfaction. Send for catalog

THE COLE NURSERY CO.  
Established 1881 Painesville, Ohio



## WAGNER FLOWERS—FREE

Catalog to Garden Lovers

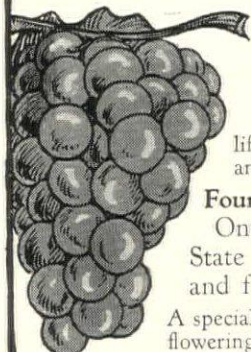
Every lover of flowers should have a Wagner Catalog. Offers dependable Roses, Shrubs, Hardy Flowers, Trees, Evergreens, etc. Tells you how easy it is to have beautiful surroundings through the Wagner Landscape Service, whether an extensive estate or only a modest lot. Write today for Catalog 536.

### Wagner Rose Offer

15 Choice everblooming Roses, labeled true. Guaranteed to grow and bloom. Will ship when desired. \$1.00 Prepaid

THE WAGNER PARK NURSERY CO., BOX 36, SIDNEY, OHIO  
Nurserymen — Landscape Gardeners

## New Grapes, Shrubs Roses



That wonderful part of western New York, where Nature favors all plant life, produces some of the finest roots that any gardener could wish to possess.

Four New Grapes—Portland, Sheridan, Ontario and Urbana, from the N. Y. State Exp. Station, with other choice Grapes and fruits for better gardens are grown here.

A special list of two-year-old field-grown Roses, with many flowering shrubs, will be mailed on request. We have been established 60 years in the famous Chautauqua-Erie grape belt. Write today for our free catalogue.

T. S. Hubbard Co., Box 28, Fredonia, N. Y.

# Wohlert's Flowering Trees

America's  
Finest Collection



Every size and variety of  
Japanese  
Rose Flowering and  
Weeping Cherries  
and  
Flowering Crabs

Prices start at  
\$2.00

Send for Catalog

## A. E. WOHLERT

221 Montgomery Ave.  
Narberth, Montgomery Co., Penna.





**Glorious Gardens  
Lovely Lawns  
Prolific Vegetation**  
Grow in Ground  
Dressed With

**Sheep's Head Brand  
PULVERIZED  
SHEEP MANURE**

Manure is nature's basic soil dressing. It is the one complete, natural, vital element essential to virile plant life. Soil experts universally recommend manure first—if you can get it.

Sheep's Head Brand Pulverized Sheep Manure is 100% pure manure, made commercially desirable by our process of handling. A complete plant food which contains naturally, all the vital elements necessary to produce virile plant life, including nitrogen, phosphoric acid, potash and—HUMUS!

**Sterilized of weed seeds**

Packed in neat containers (2, 5, 10, 25, 50, 100 pounds) for convenient distribution to home owners, golf clubs, florists, gardeners—anyone who grows things in the soil.

If your dealer does not handle Sheep's Head Brand Pulverized Sheep Manure, write us direct. Quantity prices on application. Ask for free leaflet, "How to Make Beautiful Lawns and Gardens."

**NATURAL GUANO CO.**

810 So. River St., Aurora, Ill.

## THE GARDENER'S SCRAP BOOK

(Continued from page 177)

their larval forms which hatch from the eggs—these are the principal methods for the warmer months of the year. They should be supplemented in autumn, winter and early spring by persistent efforts to seek out and eliminate the wintering-over eggs, larvae and hibernating forms before they come to life again. Here is something which can be done now and during early March.

Spraying the scale insects on trees and shrubs is the most obvious of such work. A grayish white incrustation on the bark is the signal for a good dose of lime-sulphur solution. Then there is the destruction of the tent caterpillar eggs, often mentioned in these pages, and finally, a general clean-up of all garden and lawn rubbish—especially dead twigs and branches and all forms of plant left-overs. Such material is the harboring place of very many injurious insects which can be completely destroyed only by a first-class bonfire.

ARE YOU SPECIALIZING THIS YEAR?

THE field of horticulture is so astoundingly vast that the true flower-lover cannot help some time reaching a state of mind bordering on despair at the thought of ever mastering it. The problem of selecting new things to grow becomes discouraging by reason of the very multiplicity of alluring material. One cannot try all, for a lifetime is only a lifetime, and an acre contains only an acre. How, then, to acquire even a fairly adequate experience with all the flowers, shrubs and trees one longs to know personally?

In such a situation there is just one wise course to follow: each year specialize in one new plant group. Take each in its turn and say to yourself, "This season it shall be This, next season I shall take up That, and the year after I shall devote particular

(Continued on page 179)



**Alexander  
The DAHLIA King**

**My  
Spring Catalog  
Sent  
FREE**

The best by far that I have ever published describing the finest selection of bulbs ever grown.

Regardless of how great or small your garden may be, you will prize this book.

**Big Special Offer**

**6 select named  
Dahlia Bulbs for \$3.00  
only \$3.00**

**20 Dahlia Seeds given  
FREE  
with each order**

You can have the enjoyment of bringing out a variety of your own. My catalog tells you how.

**J. K. ALEXANDER**

**The World's Largest Dahlia Grower**  
103 Central St.  
E. Bridgewater, Mass.



**Home Landscaping**  
**This book  
tells how**

A PROMINENT landscape architect has put into this book planting plans for every type of town and suburban lot. All of them are illustrated. Cost figures are included to assist in your planning. A wealth of practical ideas is offered here—each suggesting how the house standing on a small lot may be made into a real home by skillful planting.

Written for the many who feel that they cannot afford the services of a landscape architect, this book shows how town and suburban homes can be set off with much of the charm and natural beauty attained by professionals. Easily and simply, with the aid of this book, you can choose and arrange trees, shrubs and vines to conform to the best principles of landscape art.



**Send 10 Cents**

To secure this practical and helpful book upon which thousands of dollars have been spent by America's oldest and largest Departmental Nursery, send only 10c to cover mailing cost.

**STORRS & HARRISON CO.**  
P.O. BOX 190 PAINEVILLE, OHIO

### Gold Medal GLADIOLI

Extra selected varieties of the wonderfully beautiful Primulinus Hybrids, the most graceful of all the species, lending themselves to artistic arrangement and grouping.

The flowers are of most attractive and delicately graduated chromatic tints not found in the more common species. 100 for \$10.00. Choice varieties, 100 for \$5.00, prepaid.

#### Gift Box

**25 Choice Gladioli \$1.00**

All different, selected from finest named varieties

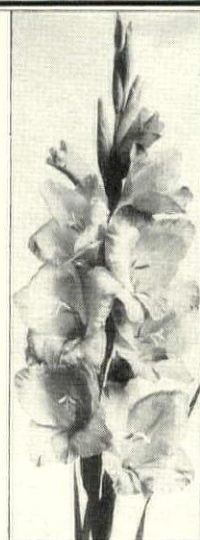
Our Gladioli awarded Gold Medal of Massachusetts Horticultural Society, at Varese, Italy, Newport, R. I., Newport Sweepstake Cup, etc.

Send for catalogue in color introducing new varieties of our own and the best of other hybridizers.

**B. HAMMOND TRACY**

President and Manager

**Stillwaters Gardens, Inc.**  
Salisbury, Conn.



## Giant Washington Asparagus

You will never know how delicious Asparagus can taste, until you have eaten thick, tender stalks of Giant Washington, fresh from your own garden. Single stalks often weigh 1/4 pound each; average 1 inch to 2 inches in diameter. So easy to grow and requires so little space, that you surely can have this great treat.

Our Giant Roots, especially selected for the home garden trade, will produce next year—save you two years of waiting. 50 Giant Roots will plant three 50-foot rows—enough for a large family. "The Bigger the Roots, the Better the Crop."

**50 Giant Roots, \$5; 25 Giant Roots, \$3**

Ask for prices on larger quantities. Prepaid Post. Cultural directions included. Order from this advertisement—today. Satisfaction guaranteed.

Write for FREE Illustrated Booklet.

**50  
Roots**

**\$5.00 postpaid**

**RIVERVIEW FARMS**

Box 172-F

Bridgeton, N. J.



## Scott's Creeping Bent for Perfect Lawns!

Sod in six weeks! A rich, velvety sward of lawn that chokes out weeds before they can grow! With proper care no reseeding ever necessary. You will have a thick, uniform turf that's everlasting makes your home a beauty spot. What you'll get if you plant Scott's Creeping Bent.

The New Super-Lawn

Creeping Bent—long recognized—ideal grass for golf putting greens—producing Super-Lawns. Instead of seed, you plant stolons or the chopped sods—and in a few weeks you have a luxuriant lawn like the deep green pile of a Turkish carpet.



This little book "Bent Lawns" is free to you. It is a valuable treatise on how you can have beautiful lawns. Write today for your copy.

**O. M. SCOTT & SONS CO.**  
156 MAIN ST. - MARYSVILLE, OHIO





## GALLOWAY POTTERY

TIME defying, beautify-  
ing high fired Terra  
Cottas that will give endur-  
ing charm to your Garden,  
Sun-room and Porch.

Send for book of attractive Bird  
Baths, Sun Dials, Gazing Globes,  
Chapely Jars, Flower Vases and Pots,  
Benches and other decorative acces-  
sories.

Established 1810

GALLOWAY TERRA COTTA CO.  
218 WALNUT ST. PHILADELPHIA.

## THE GARDENER'S SCRAP BOOK

(Continued from page 178)

attention to The Other." And when you have made your decision, stick to it!

Such is the only satisfying solution we have ever been able to work out for those who have progressed far enough in the gardening game to have well defined preferences and desires for constructively broader experience. It is far better to have a good working knowledge of a half-dozen prominent plant groups than a mere smattering of information about fifty. Acquire this by intensive attention and you have gone far along the road to real success and expertness.

### TARDY, HARDY SEEDS

FULL exposure to all the rigors of winter is a necessary experience in the lives of many seeds. It seems strange that such should be the case, when one considers the apparent delicacy of the plantlets that spring from such roughly used containers. Apparently an ordeal of bitter frost and dampness rather than of fire is provided in order that they may have the stamina to come through and in their turn reproduce a sturdy breed.

Noteworthy and well known among these hardy seeds are the fall-maturing nuts and berries of various kinds. Hickory, Hazel, Dogwood and the later varieties of pit fruits are familiar examples. In a natural state they ripen on their respective twigs, fall in September or October, are covered automatically with a mulch of autumn leaves, and for months lie hidden while the moisture gradually works through their hard shells so that—next spring or perhaps only after another year has passed—they may open and thrust down questing roots. Today, along the hedgerows and in the woodlands, thousands of them are nearly ready to awake. In a few more weeks the miracle will be accomplished and a new generation will come into existence.



## New Life for Flowers!

Try these wonderful tablets

FERTILIS Tablets are food in-  
deed for every growing thing—  
plants, flowers, shrubs, vegetables.  
Delicate ferns thrive on them. Splen-  
did for palms. Wonderful for cut  
flowers—the beauty is prolonged.

## FERTILIS TABLETS

THE PERFECT PLANT FOOD

Thousands of enthusiastic  
users endorse Fertilis Tab-  
lets because of results—  
healthier plants, more per-  
fect blossoms, luxuriant  
foliage. Florists, Seed Deal-  
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Carton of 100  
tablets, 25c;  
Tin of 1000,  
\$2 postpaid.

If your dealer can't supply, send 25c for carton  
of 100 or \$2 for tin of 1000, postpaid. Mention  
dealer's name. You'll be delighted.

INTERNATIONAL AGRICULTURAL CORPORATION

Dept. 2-F, New York City

## A Rare Oregon Alpine

*Penstemon  
Rattani Minor*

is native to the wind-swept  
slopes of Majestic Mount  
Hood, above timber-line,  
buried in snow well into  
the summer. The exquisite  
blue and mauve flowers  
spring freely from a mat of  
glossiest green. The total  
height does not exceed  
four inches.

blendid plants for effect THIS season

\$3.00 for six.  
\$5.00 the dozen.

ants will be reserved for ship-  
ment at any designated date.

My 1927 catalogue lists  
many standard and un-  
usual Alpines and per-  
ennials. A copy for the  
asking.

he W. L. CRISSEY  
ALPINE GARDENS

(in the foothills of Mt. Hood)

BORING • OREGON



## WATERLILIES in COLOR

There's exotic beauty and rare fragrance in a  
waterlily pool. Our QUALITY TRIO, red,  
white and pink hardy lilies will grow anywhere  
and bloom all season. Three for \$6. Twenty  
other aquatic plants, \$3.

Our catalog, beautifully illustrated in color gives  
complete information on the care and selec-  
tion of waterlilies, aquatic plants and ornamental  
fishes. We shall be glad to send it on request.

INDEPENDENCE NURSERIES  
246 EVERGREEN DR., INDEPENDENCE, OHIO

Beautiful Waterlily Pools

CATALOG & YEAR BOOK 37  
**Little Tree Farms**  
FRAMINGHAM CENTRE, MASS.  
EVERYTHING FOR THE GARDEN  
Evergreens • Shrubs • Tree • Vines  
Roses • Perennials • Lilies • Perennials  
Tulips • Gladioli • Dahlias • Azaleas  
LANDSCAPING & FORESTRY

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The most carefully selected  
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perfect plants ever offered  
—as specimens and in hun-  
dreds of special offer com-  
binations—and at big vol-  
ume, mail order prices.  
Fill out and mail the  
coupon NOW.

**LITTLE TREE FARMS**  
FRAMINGHAM CENTRE MASSACHUSETTS  
Send me your FREE Spring Catalog

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## Wilson's O.K. PLANT SPRAY

### WHY BUGS LEAVE HOME

"No Lover of Flowers  
Can Do Without It..."

Christian Van der Voet, Supt.  
Arnold Arboretum, Harvard University.  
WILSON'S O. K. PLANT SPRAY kills  
the insects and pests that destroy your  
Flowers, Shrubs, Evergreens and Vege-  
tables. Unquestionably the most effective  
insecticide on the market—used by leading  
horticulturists, florists and estate super-  
intendents everywhere. Recommended by  
the Officers of The Garden Club of America.  
Wilson's Spray Calendar (gives you correct  
month in which to spray your different  
plants) is free for the asking—write for it.  
Trade  
Mark  
Reg.

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MAIL THIS  
COUPON FOR A TRIAL ORDER

Enclosed find 40 cents for which you may  
send a half-pint trial order of WILSON'S  
O. K. PLANT SPRAY.

Name \_\_\_\_\_  
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**Andrew Wilson**  
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SPRINGFIELD NEW JERSEY



more  
"confessions"



**MARTINI & ROSSI**  
(non alcoholic)  
**VERMOUTH**

Sold by the Better Grocery and  
Delicatessen Stores everywhere.

Dowager Dufreese (sipping): These Martini & Rossi Vermouth concoctions are such a relief from cloyingly sweet potions.

Lady Queensbury: As they say in Gerald's set, the snap of it is like a wallop with a velvet cushion.

So granddame and sports-woman, clubman and chief convey their taste for the dry, refined tang of Martini & Rossi (non alcoholic) Vermouth.

And Jeems or Jeeves knows when it should be the dry Italian or the extra dry French. Still more confessions follow:

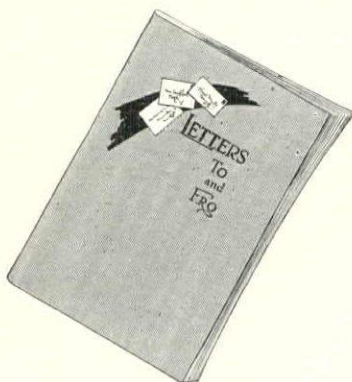
"The Confessions of a Good Mixer." Send for your Copy.

The elect throughout this continent are reading Tad Crane's Liquid confessions.

Write a postcard for "The Confessions of a Good Mixer," to the importers, W. A. Taylor & Co., 94 Pine Street, New York.



Send for this booklet—  
"Letters To and Fro" that  
tells of heating systems,  
their comfort giving,  
coal saving sides.



## Here's Humanized Heat

Some one sent Charles Austin Bates, that old advertising war horse and critic, a copy of this booklet, called "Letters To and Fro".

He took the trouble to write us a letter—brief and to the point. It said: "this is the first time heat has been humanized".

"It commanded my interest and find it has inserted in my mind a goodly bundle of welcome facts on heat and heating systems"—or words to that effect.

The one entitled "Some Homely Features that Make A Beautiful Coal Bill" will touch your pocket-book.

**Burnham Boiler Corporation**

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New York City—30 East 42nd Street

Representatives in All Principal  
Cities of U. S. and Canada

## Gardening is now an Outdoor Sport!



and suburbanites have found in this outfit the solution of their garden problems.

Ask about our time payment plan. Write to

**GILSON MFG. CO.** 601 Park Street  
Port Washington, Wisconsin

The **BOLENS** Garden Tractor does plowing, seeding, cultivating, and lawn mowing with gasoline power. Running the tractor is delightful recreation and the work is done better and with astonishing speed. **BOLENS** implements are instantly interchangeable.

You can change from one job to another without the use of even a wrench. Thousands of garden lovers



## SPECIAL OFFER of TESTED SEEDS



If you write for our 1927 Catalogue we will send the famous **HENDERSON** Collection of seeds—one packet each of Ponderosa Tomato, Big Boston Lettuce, Early Scarlet Turnip Radish, Henderson's Invincible Asters, Brilliant Mixture Poppies, Giant Waved Spenser Sweet Peas.

### HOW TO GET THEM

Simply state where you saw this advertisement, enclose ten cents for mailing the Catalogue. "Everything for the Garden," and the seeds will be sent without extra charge.

### EMPTY ENVELOPE COUNTS FOR CASH

These tested seeds come in a coupon envelope which, emptied and returned, will be accepted as a 25 cent cash payment on any order amounting to \$1.00 or more. Don't delay; write at once.

### 1927 Catalogue Now Ready

Bigger and Better than ever, the most beautiful and complete horticultural publication of the year, a book of

### 204 PAGES

16 color pages, 72 pages in Rotogravure and over 1000 half-tone illustrations direct from photographs of results from Henderson's seeds—the finest catalogue we have ever issued.

**PETER HENDERSON & CO.**

35 & 37  
CORTLANDT ST.  
NEW YORK CITY

## for up-to-date home SEDGWICK FUEL LIFT

Think of a blazing log without the fuss and muss carrying wood upstairs and across clean floors and run



Let the Sedgwick Fuel Lift do the work

These easily operated outfits are installed in the homes whose owners want them to be thoroughly modern.

Write for Folder

**SEDGWICK MACHINE WORKS**  
146 West 15th Street, New York

Manufacturers of "The Invalid Elevator,"  
Fuel Lifts, Dumb Waiters, Ash Hoists,

## Early American Reproduction



Sheraton  
Console  
Table

A beautiful reproduction in Mahogany. Made entirely by hand, with the dull satin finish in the Sheraton style. Every Winthrop reproduction is guaranteed to be as represented. Send 10¢ (coin or stamps) for Portfolio of other Early American reproductions in Mahogany and also Banjo Clocks.

Specially priced, \$52.50, delivered to any part of the country.

Sent on receipt of price. C. O. D. with \$20 deposit have shipped our furniture parts of the world—furniture complete from coast to coast. Every Winthrop reproduction is guaranteed to be as represented. Send 10¢ (coin or stamps) for Portfolio of other Early American reproductions in Mahogany and also Banjo Clocks.

**Winthrop Furniture**  
424 Park Square Bldg.  
Boston, Mass.



**"Kentucky Bred" Dahlias**

FOR garden lovers who want the best Dahlias. Kentucky's climate and ideal soil conditions, plus intelligent cultivation add that extra touch of size, beauty and vigor that has made "Kentucky Bred" Dahlias "famous for their beauty". Plan your new garden now while cold winds howl and snow covers garden beds and paths. It is easy to sit in front of a crackling fire with a paper and pencil forming that perfect garden in your mind's eye. The greatest help for such a garden is the


**1927 "Kentucky Bred" Garden Book**

Here you will find nearly 400 varieties of Dahlias, prices to suit every purse, rare varieties and all the old favorites. You will also find bargain gardens at reduced prices with no sacrifice of quality. For a glorious late summer garden plant more Dahlias. Write

**Jacob Schulz Company, Inc.**  
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550 So. Fourth Ave.  
Louisville, Ky.



**DRY-O-LET**  
SCIENTIFIC CLOTHES DRYER




**Sanitary Drying  
Makes Clean Clothes**

Washing clothes does not make them clean; thorough, sweet cleanliness is a result of scientific drying. The Dry-O-Let scientific clothes dryer, the latest and most improved type of dryer, odorizes, sterilizes the clothing and delivers them to you sweet and clean, entirely free from dirt or washing odor.

And best of all, dries the clothes so much quicker, easier, more conveniently!

You should know about the latest developments in scientific drying. Write for our information literature.

THE SCIENTIFIC HEATER CO.  
100 Superior Viaduct, Cleveland, Ohio




*These galleries display their treasures on over 40,000 square feet of floor space*

**HERE, ARE RARE IMPORTS ~  
SO DESIRABLE ~ SO HARD TO FIND**



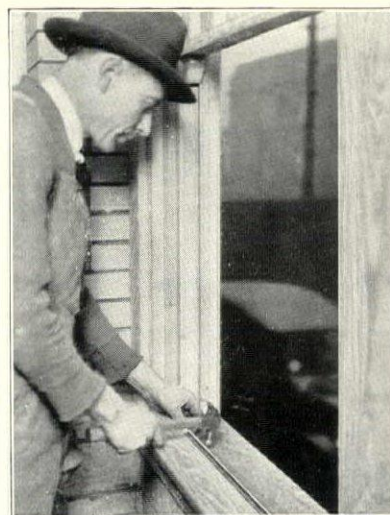
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A CRYSTAL Buddha from the hands of a Chinese craftsman—a replica of the great banquet hall suite of a Viking Lord. These are but a small part of the collection of importations at our galleries. From these beautiful replicas and facsimiles, decorators choose things of individual charm. But decorators' clients, too—if they'll but bring a card—may find at Lightolier some particularly rare object for which they long have searched.

**Lightolier**  
IMPORTATION DIVISION  
569 BROADWAY, NEW YORK



## To end drafts— Discomfort— do this

**I**N-LEAKING dust, snow and cold are not unavoidable annoyances, any longer. A new way, found by science through weather protecting 45 thousand homes, seals shut draft inviting cracks and crevasses around every door and window.

It acts simply—through a wonderful new type metal weather-strip. This cushions doors and windows in air tight, spring-like grip. All window rattle, naturally, is stopped.

There is as little chance for cold air, rain or soot to get by as thru solid walls.

So you save fuel—because cold kept out and heat held in. And your home stays healthfully pleasant, evenly temperate, all winter. Curtains stay fresh. No dust can get to them.

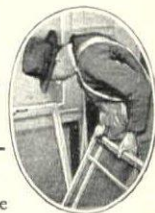
Whatever type your windows and doors, Ceco's own experts, located in almost every city, can protect them. These men work quickly—no muss or bother. Their work lasts a lifetime.

Secure today the free cost estimate offered below. Learn from other people living in Ceco equipped homes the joy and comfort they secure. All these details sent free, if you fill in and mail the coupon.

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**METAL  
WEATHERSTRIPS**

Cost Estimate  
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Chicago, Illinois

Gentlemen:

Send me free cost estimate for my house.

It has \_\_\_\_\_ windows.  
Check here if casement type ☐

Name \_\_\_\_\_

Address \_\_\_\_\_



**Sani-Flush**  
For Clean, Shiny Toilets

**It glistens!**

It isn't a task to keep the toilet bowl as clean, white and shining as new. It's easy to remove those unsightly stains, marks and incrustations. Use Sani-Flush. See the bowl glisten!

Just sprinkle Sani-Flush in the bowl, follow directions on the can, then flush. That's all.

Gets down into the hidden trap where a brush never can reach. Sanitizes foul odors too. Harmless to plumbing connections.

Buy Sani-Flush in new punch-can at your grocery, drug or hardware store; or send 25c for full-sized can. 30c in Far West. 5c in Canada.

**Sani-Flush**  
Cleans Closet Bowls Without Scouring  
THE HYGIENIC PRODUCTS CO.  
Canton, Ohio

**Delbrook Air Moisteners bring  
Health and Comfort**



**Four for \$5**  
\$5.25 West of the  
Mississippi  
Postage Prepaid

LACK of moisture in the home brings colds and lung troubles. A Delbrook Air Moistener is a receptacle to hold water made to fit the sections of your radiator. Just fill with water and hang it on the back. It removes dryness from the air.

Delbrook Air Moisteners are used universally in hospitals and in healthy homes everywhere.

DELBROOK VENTILATING CO., Inc.  
Dept. G-4, 28 Tudor St. Cambridge, Mass.


**Hill Champion Clothes Dryer**

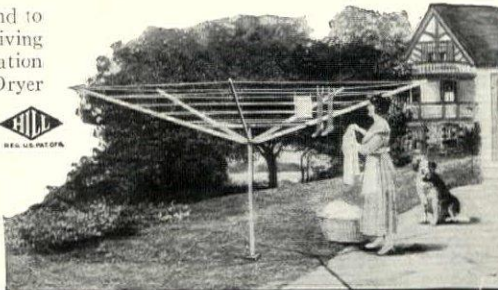
is an old established product that has always maintained high quality. Housewives everywhere appreciate its great convenience.

It gives you 150 feet of clothes line, all within reach from one position. Folds up like an umbrella, and removed when not in use.

A year around convenience that will last a life time.

We shall be glad to send to you our folder G giving you interesting information upon the Clothes Dryer problem.

 HILL CLOTHES DRYER CO.  
52 Central Street  
Worcester, Mass.







Automobiles and Accessories

	PAGE
Auburn.....Facing	9
Buick.....Facing	8
Cadillac.....Facing	128
Chevrolet.....Facing	144
Chrysler "70".....Facing	64
Chrysler Imperial "80".....Facing	137
Dodge Bros.....Facing	83
Erskine Six.....Facing	63
Fisher Bodies.....Facing	184
Hupmobile.....Facing	17
Little Marmion.....Facing	1
Packard.....Facing	152
Rolls Royce.....Facing	127
Simoniz.....Facing	60
Studebaker.....Facing	63
Stutz.....Back Cover	
Waton Stabilators.....Facing	8
Willys-Knight.....Facing	136

Building

Bathroom Fixtures & Plumbing	
Alpha Brass Pipe.....Facing	49
Anaconda Brass Pipe.....Facing	10-11
Church Sani-White Toilet Seat.....Facing	155
Curtin Noiseless Tank Fittings.....Facing	161
Easy-Set Bathroom Fixtures.....Facing	183
Reading Wrought Iron Pipe.....Facing	56
Whale-Bone-Itc Toilet Seat.....Facing	160

Hardware

Corbin Building Hardware.....Facing	147
McKinney Forged Iron Hardware.....Facing	139
Sargent Locks & Hardware.....Facing	138
Yale & Towne Building Hardware.....Facing	152

Heating Plants & Accessories

Aero Radiators.....Facing	28
American Radiator Company.....Facing	22
Bryant Gas Heaters.....Facing	19
Burnham Boilers.....Facing	180
Hoosier Water Service.....Facing	183
Ideal Boilers.....Facing	22
Kelsey Warm Air Generator.....Facing	146
Minneapolis Heat Regulator.....Facing	29
National Warm Air Heating & Ventilating Ass'n.....Facing	151
Quiet May Automatic Oil Burner.....Facing	41
Thatcher Boilers & Furnaces.....Facing	153
William's Oil-O-Matic Heating.....Facing	16

House Building Materials

Alpha Brass Pipe.....Facing	49
Armstrong's Corkboard Insulation.....Facing	25
American Face Brick.....Facing	18
Bishopric Stucco.....Facing	1
California Pine.....Facing	137
California Stucco.....Facing	154
California Redwood.....Facing	142
Celotex Insulating Lumber.....Facing	17
Clinton Face Brick.....Facing	57
Douglas Fir Lumber.....Facing	42
Flax-li-num Insulation.....Facing	20
Hartmann-Sanders Entrances.....Facing	147
Hollow Building Tile.....Facing	31
Indiana Limestone.....Facing	5
Louisiana Red Cypress.....Facing	21
Masonite Structural Insulation.....Facing	57
National Association of Marble Dealers.....Facing	26
Oak Flooring Bureau.....Facing	27
Perfection Brand Oak Flooring.....Facing	59
Pondosa Pine.....Facing	24
Ritter Oak Flooring.....Facing	49
Western Red Cedar.....Facing	158

House Building Miscellaneous

Gordon Van Tine Plan-Cut Homes.....Facing	161
Hodgson Portable Houses.....Facing	48
Home Builders' Guild.....Facing	145
Wm. H. Jackson Genuine Antique & Modern Mantels.....Facing	12-13
Kernerator (Incinerator).....Facing	153
Silver Lake Cotton Braided Sash Cord.....Facing	157
Stillwell's Distinctive Plan Books.....Facing	55

Lighting Fixtures

Bakelite Switch Plates.....Facing	161
Carbone Lamps.....Facing	32
Cassidy Lighting Fixtures.....Facing	159
McKinney Forged Iron Lanterns.....Facing	139

Paints, Varnishes & Other Finishes

Craftex.....Facing	130
--------------------	-----

Roofing & Shingles

Anaconda Copper.....Facing	10-11
Creo-Dipt Stained Shingles.....Facing	150
Imperial Roofing Tiles.....Facing	41
Johns-Manville Asbestos Shingles.....Facing	25
Olde Stonesfield Roofs.....Facing	183
Richardson Roofing.....Facing	61
Tudor Stone Roofs.....Facing	30
Weatherbest Stained Shingles.....Facing	48

YOU read House & Garden because you are interested in and appreciate the things that go to make your home more comfortable, convenient and attractive, in doors and out. As a practical magazine most of the articles and illustrations it contains are about things which you may obtain to use in your own home.

You are also naturally interested in knowing about all quality products—be they building materials, automobiles, radios or perfumes. You will find in the advertising pages of House & Garden almost every type of product on the market—provided it is a quality product.

WE would not be living up to our full usefulness unless we helped you find these things, many of which are advertised in the magazine. So, for your convenience, this classified list of quality products in this issue of House & Garden is presented. It will assist you in making the best selection.

In justice to yourself look over the advertising here before deciding and write to the advertisers for their suggestions. You will find them very happy to be of assistance—and when you have made your choice you will be confident that you have not left many good things uninvestigated.

Windows, Doors, Screens, Etc.

	PAGE
Anaconda Bronze Screens.....Facing	10-11
Burrows Rustless Screens.....Facing	145
Ceco Metal Weatherstrips.....Facing	181
Crittall Standardized Casements.....Facing	32
Fenestra Casements.....Facing	23
Higgin Metal Screens and Weatherstrips.....Facing	14
Kawneer Nickel Silver Windows.....Facing	24
Screen M'frs' Ass'n of America.....Facing	148
Rolscreens.....Facing	134

Condé Nast Travel Service

Pages.....Facing	43-47
Admiral—Oriental Line.....Facing	44
Artcrafts Guild Collegiate Tours.....Facing	47
Dollar S. S. Line.....Facing	45
Frank Tours.....Facing	46
French Line.....Facing	45
Hawaii Tourist Bureau.....Facing	47
Hotel Lincoln.....Facing	46
Los Angeles Steamship.....Facing	47
Palm Beach Chamber of Commerce.....Facing	46
St. Petersburg, Florida.....Facing	46
Vinoy Park Hotel.....Facing	46
White Star Line.....Facing	44

The Dog Mart

Pages.....Facing	51-53
------------------	-------

Food Products

Campbell's Soups.....Facing	117
Dean's Bon Voyage Boxes.....Facing	143
Reymer Candy.....Facing	143
Whitman's Chocolates.....Facing	66
Martini & Rossi Vermouth.....Facing	180

Gardening

Bulbs, Seeds & Flowers

Alexander's Dahlias.....Facing	178
Bobbink & Atkins Roses.....Facing	165
Bristol Nurseries.....Facing	165
Buist's Improved Giant Zinnias.....Facing	175
Burpee's Seeds.....Facing	166
Childs Seed Co.....Facing	167
Cole Nursery Co.—Azaleas.....Facing	177
Conard-Pyle Star Roses.....Facing	174
Crissey Alpine Gardens.....Facing	179
Cullen's Seeds.....Facing	175
Dingee Famous Roses.....Facing	169
Dreer's Nursery.....Facing	165
Fraser, Samuel Nursery Fruits.....Facing	177
Germain's Seeds Plants & Bulbs.....Facing	170
Harris Seeds.....Facing	169
Heller Bros. Roses.....Facing	175
Peter Henderson Tested Seeds.....Facing	180
Hicks Nurseries.....Facing	167
Hill's Evergreens.....Facing	173
Hubbard Grapes, Shrubs, Roses.....Facing	177
Independence Nurseries.....Facing	179
Kunderd Gladioli.....Facing	167
Little Tree Farms.....Facing	179
Maloney Bros. Nursery Co.....Facing	177
Riverview Farms Asparagus.....Facing	178
Schling's Seeds & Bulbs.....Facing	163
Schulz Kentucky Bred Dahlias.....Facing	180
Schenley Gardens.....Facing	169
Scott's Creeping Bent.....Facing	178
Stillwaters Gardens Gladioli.....Facing	178
Storrs & Harrison Co. Landscaping.....Facing	178
Storrs & Harrison—Seeds.....Facing	175
Stumpp & Walter's Seeds & Bulbs.....Facing	164
Tricker's Water-lilies.....Facing	175
Wagner Park Nursery Co.....Facing	177
Wohler's Flowering Trees.....Facing	177
Wyomissing Nurseries Co.....Facing	169

Gardening (Cont.)

Garden Furniture, Fences & Decorations

	PAGE
Anchor Post Fences.....Facing	53
Cyclone Fence.....Facing	162
Dubois Woven Wood Fence.....Facing	48
Galloway Pottery.....Facing	179
Mettowee Stone Flagging.....Facing	173
Old Stonesfield Flagging & Stepping Stones.....Facing	183
Pittsburg Super-Zinc'd Lawn Fence.....Facing	171
Tudor Stone Flagging.....Facing	30
Wm. H. Jackson Co.....Facing	12-13

Gardening Miscellaneous

Bolen's Garden Tractor.....Facing	180
Coldwell Lawn Mower.....Facing	165
Fertile Tablets Plant Food.....Facing	179
Hitchings Greenhouses.....Facing	172
Ideal Power Lawn Mowers.....Facing	167
Lord & Burnham Greenhouses.....Facing	168
Moto-Mower Company.....Facing	171
Myer's Spray Pumps.....Facing	173
New Jersey Greenhouse Co.....Facing	171
Planet Jr. Garden Tools.....Facing	1-6
Scaledorm Dormant Spray.....Facing	175
Sheep's Head Brand Pulverized Manure.....Facing	178
Sowrite Seed Sower.....Facing	171
Pennsylvania Lawn Mowers.....Facing	173
Wilson's O. K. Plant Spray.....Facing	179

House Furnishings

China & Glass

Haviland, Theodore & Co., Inc., China.....Facing	131
Plummer China & Glass Wares.....Facing	157

Draperies & Fabrics

Fortuny Fabrics.....Facing	120
F. Schumacher & Co. Fabrics.....Facing	135

Floor Coverings

Armstrong's Linoleum.....Facing	33
Mohawk Rugs.....Facing	145
Sani Onyx Flooring Material.....Facing	155
Shoemaker Bengal Oriental Rugs.....Facing	122

Furniture

American Walnut M'frs. Ass'n.....Facing	140
Daners Furniture.....Facing	124
Kensington Furniture.....Facing	136
Kittinger Distinctive Furniture.....Facing	15
Leaven's Furniture.....Facing	159
Macy Furniture.....Facing	7
Stickley Early American Furniture.....Facing	141
Whitney Windsor Chairs.....Facing	161
Winthrop Furniture.....Facing	180

Interior Decorations

Carbone Lamps.....Facing	32
Cowan Pottery.....Facing	143
Craftex.....Facing	130
Directory of Decorations & Fine Arts.....Facing	33-39
Wm. H. Jackson Co.....Facing	12-13
Lightolier Importations.....Facing	181
Lord & Taylor.....Facing	9
Rookwood Pottery.....Facing	159
Venini & Co. Venetian Glass Lamps.....Facing	133
Watson & Boaler.....Facing	144

Fireplace Fixtures

Wm. H. Jackson Fixtures.....Facing	12-13
------------------------------------	-------

House Furnishings (Cont.)

Wall Covering

Craftex.....Facing	
Grasscloth Japanese Wall Covering.....Facing	
Lloyd Wallpaper.....Facing	
Sani Onyx Wall Material.....Facing	

Kitchen & Laundry Equipment

Dry-O-Let Clothes Dryer.....Facing	
Gibson Refrigerator.....Facing	
Hill Champion Clothes Dryer.....Facing	
Kelvinator Electric Refrigeration.....Facing	
Kitchen-Aid Electric Food Preparer.....Facing	
Kitchen Maid Cabinets.....Facing	
Lamneck Laundry Dryer.....Facing	
Thatcher Ranges.....Facing	
Walker Dishwasher Super-Sink.....Facing	
White House Kitchen Line.....Facing	

Miscellaneous House Furnishings

Cannon Towels.....Facing	
Delbrook Air Moisteners.....Facing	
Gold Medal Irish Linen Damasks.....Facing	
Judd Blue Bird Curtain Rods.....Facing	
Kauffman Radiator Shields.....Facing	
Kirsh Kraft Drapery Hardware.....Facing	
Slyker Metal Radiator Furniture.....Facing	

Silverware

Howard & Co.—Old Silver.....Facing	
Treasure Solid Silver.....Facing	

Jewelry & Gifts

Ciné-Kodak Movies.....Facing	
Black, Starr & Frost.....Facing	
Marcus & Co.....Facing	

Miscellaneous

Health Extension Bureau.....Facing	
House & Garden's Second Book of Gardens.....Facing	
House & Garden Subscription Office.....Facing	
Sedgwick Invalid Elevator.....Facing	
Sani Flush Cleanser.....Facing	
Winship Wardrobe Trunks.....Facing	
Oshkosh Trunks.....Facing	

Musical Instruments & Radios

Atwater-Kent Radio.....Facing	
R. C. A. Radiola.....Facing	
Orthophonic Victrola.....Facing	
Steinway Pianos.....Facing	

Real Estate

Pages

Schools & Camps

Pages

Shopper's & Buyer's Guide.....Facing

Toilet Goods

Caron Perfumes.....Facing	
Florazona Bath Crystals.....Facing	
Forlan's Tooth Paste.....Facing	
Guerlain's Lip-Sticks.....Facing	
Kathryn Murray's Facial Exercises.....Facing	
Listerine.....Facing	

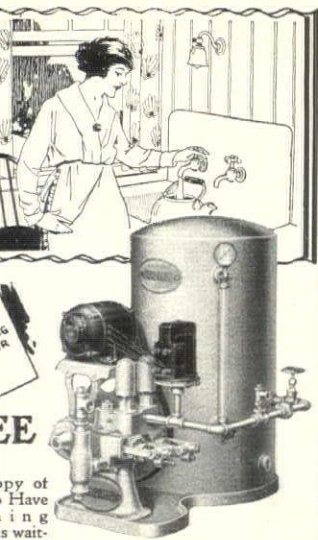
Tobacco & Cigarettes

Camel Cigarettes.....Facing	
Herbert Tareyton Cigarettes.....Facing	
Lucky Strike Cigarettes.....Facing	
Pall Mall Cigarettes.....Facing	

Wearing Apparel

Pedemole Shoes.....Facing	
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There is no charge or obligation, contains many useful water supply suggestions.

**BEST in household duties**  
 Best in banishing housework drudgery, water under pressure becomes indispensable once the family knows its convenience. There is a Hoosier Water Service for farm and home need, offering city water pressure and protection against fire, at less water cost. The Hoosier uses any power and pumps from deep or shallow wells, or from any other source of supply. Installed inside and out by the Galvazink Co., it will give long years of satisfaction.

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 Kendallville, Indiana

**GALVAZINK PUMPS**  
**HOOSIER CYLINDERS**  
**HOOSIER PUMPS**  
 NO OIL-STAR Bearings  
 NO. 1 STAR  
 WINDMILLS  
 REGISTERED TRADE MARK-ILL. PAT. OFFICE

**Reduce!**  
 the Easiest Way-  
 the Pleasantest Way



the fragrant FLORAZONA crystals into bath. Immediately they dissolve. And a step into the water!—how your skin instantly the glands underneath are roused to sloughish, dormant state—again they normally, eliminating through the pores, the fatty tissue.  
 the FLORAZONA bath as directed and let us tell the amazing story of the disappearance of unwanted fat. And without the slightest harm to your health as FLORAZONA contains no harsh salts or other harmful ingredients. A weakening diet and exercise are unnecessary. Use of dangerous drugs is eliminated.  
 and nurses use FLORAZONA. During eight years it has brought the blessings of renewed vigor and beautiful glowing thousands. It is not unusual to lose eight more in two weeks' time.  
 FLORAZONA is sold by beauty parlors and department stores or send the coupon to us. A carton of 14 treatments costs only \$3.50 and you get it the surest, safest money you ever invest to reduce your weight.

Florazona Corp., Suite P2  
 10 Fifth Avenue, New York  
 Enclose \$3.50 for 2 weeks' Florazona treatments.  
 Name.....  
 (Please print name and address)  
 Address.....  
 City.....State.....  
 It is preferable to send check or money order. If cash is mailed we suggest registering the letter.

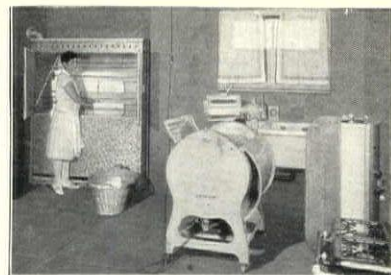


Write for this  
China Soap Dish  
**\$1.90**

It has no visible screws and you can install it yourself. Like all the other "Easy-Set" fixtures for the bathroom and kitchen (towel bars, tumbler holders, etc.) it is beautiful and sanitary, and removable for washing. Send check or money order to J. H. Balmer Co., 259 Plane Street, Newark, N. J.

**EASY-SET**  
 CHINAWYTE BATHROOM FIXTURES

 You can lift them off and wash them.



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**The LAMNECK  
LAUNDRY  
DRYER**



It permits your laundress to wash on the same day each week. It dries your clothes quicker—cleaner—and better. Drying action of the LAMNECK is so rapid that it easily keeps pace with the washing. Washing, drying and ironing can all be completed in one day—in the same room!

### Thermostatic Heat Control

Absolute drying safety is assured at all times by a Thermostatic Heat Regulator which maintains a temperature sufficient to sterilize and dry the clothes quickly yet prevents the heat from rising high enough to scorch. Write today for the complete story of LAMNECK drying efficiency and our colorful little brochure—"A Washday in June." No obligation.



The W. E. Lamneck Co.  
 Dept. G  
 Columbus, Ohio

## Scientific Facts About Diet

A CONDENSED book on diet entitled "Eating for Health and Efficiency" has been published for free distribution by the Health Extension Bureau of Battle Creek, Mich. Contains set of health rules, many of which may be easily followed right at home or while traveling. You will find in this book a wealth of information about food elements and their relation to physical welfare.

This book is for those who wish to keep physically fit and maintain normal weight. Not intended as a guide for chronic invalids as all such cases require the care of a competent physician. Name and address on card will bring it without cost or obligation.

**HEALTH EXTENSION BUREAU**  
 SUITE T-378 GOOD HEALTH BLDG.  
 BATTLE CREEK, MICHIGAN

**GIVE**  
 5-Minutes-A-Day  
**LOOK**  
 Years Younger



Send coupon below for FREE book that tells how Kathryn Murray's Five-Minute-A-Day Facial Exercises actually regain and retain the lovely skin texture and roundness of youth for thousands of delighted women. Read their enthusiastic statements of the wonders accomplished so easily, so quickly, so inexpensively. No creams—No straps—No treatments.

Young or old looks depend upon thousands of tiny muscles just beneath the skin surface. Telltale wrinkles, crow's-feet, hollows, loose sagging skin, sluggish circulation, sallow complexion occur when lack of exercise causes the facial muscles to become weak, flabby, droopy. Facts known to the more exclusive beauty experts alone.

**Kathryn Murray's Five-Minute-A-Day  
FACIAL EXERCISES**

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### RESULTS GUARANTEED

Send the Coupon! Read the interesting FREE book. Don't put off enjoying the glorious complexion rightfully yours.

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 Madam:  
 Without cost or obligation, tell me what to do to gain youthful beauty with Kathryn Murray's Five-Minute-A-Day Facial Exercises.  
 Name.....  
 Street No.....  
 City.....State.....

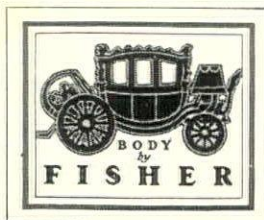




Cars with Body by Fisher are recognized by discriminating buyers to have a greater value, as plainly evident as their superior beauty, comfort and safety

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M O T O R S



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PAINTED FOR THE STEINWAY COLLECTION BY RANDALL DAVEY

MME. SCHUMANN-HEINK

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definitely classes the Steinway among the *least expensive* of all pianos.

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*Prices: \$875 and up* Plus transportation

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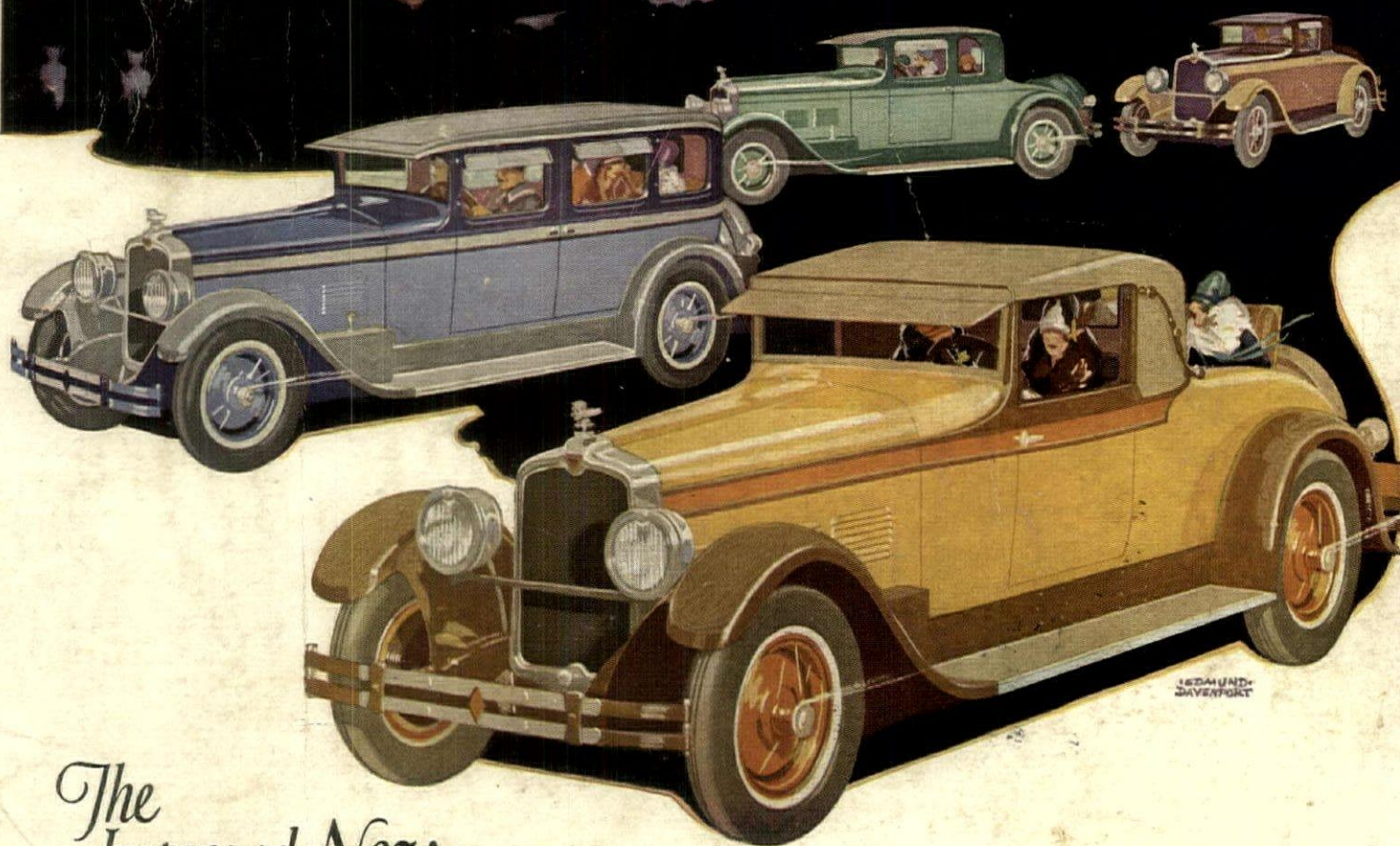
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**SAFETY STUTZ**